

# The Gazette of India

PUBLISHED BY AUTHORITY

**No. 45] NEW DELHI, SATURDAY, NOVEMBER 6, 1954****NOTICE**

The undermentioned Gazettes of India Extraordinary were published upto the 29th October 1954 :—

Issue No.	No. and date	Issued by	Subject
247	S.R.O. 3244, dated the 19th October 1954.	Delimitation Commission, India	Proposals in respect of the distribution of seats allotted to the State of Rajasthan in the House of the People and the seats assigned to the Legislative Assembly of that State.
248	S.R.O. 3245, dated the 20th October 1954.	Election Commission, India	To fill a vacancy in the House of the People in the seat of a member for the Purnea-cum Santal Parganas constituency in the state of Bihar.
	S.R.O. 3246, dated the 20th October 1954.	Ditto	Appointment of dates with respect to bye-election to be held in the Purnea-cum Santal Parganas constituency in the state of Bihar to fill a vacancy in the House of the people.
249	S.R.O. 3285, dated the 4th October 1954.	Ditto	Election Petition No. 12 of 1953.
250	S.R.O. 3307, dated the 25th October 1954.	Ministry of Labour	Proposals for fixing minimum rates of wages in respect of certain categories of agricultural employees employed by or under the authority of Ministry of Defence.
251	S.R.O. 3308, and S.R.O. 3309, dated the 28th October 1954.	Ministry of Food and Agriculture	Cancellation of orders Nos. S. R. O. 2327 and S. R. O. 2328, dated the 14th July 1954.
	S.R.O. 3310, and S.R.O. 3311, dated the 28th October 1954.	Ditto	Central Government authorises Shri R. H. Chishti, cane Commissioner to the Government of Uttar Pradesh, to exercise control over the Vishnu Pratap Sugar Works Limited, Khadda and the Padrauna Raj Krishna Sugar Works Limited, Padrauna.

Issue No.	No. and date	Issued by	Subject
252	S. R. O. 3312, dated the 29th October 1954.	Ministry of Finance (Revenue Division)	Amendment made in the notification No. 36-Customs, dated the 3rd April 1954.

Copies of the Gazettes Extraordinary mentioned above will be supplied on indent to the Manager of Publications, Civil Lines, Delhi. Indents should be submitted so as to reach the Manager within ten days of the date of issue of these Gazettes.

## PART II—Section 3

**Statutory Rules and Orders issued by the Ministries of the Government of India (other than the Ministry of Defence) and Central Authorities (other than the Chief Commissioners).**

### ELECTION COMMISSION, INDIA

*New Delhi, the 1st November 1954*

**S.R.O. 3348.**—It is hereby notified for general information that the disqualifications under clause (c) of section 7 and section 143 of the Representation of the People Act, 1951 (XLIII of 1951), incurred by the persons whose names and addresses are given below, as notified under notification No. UP-P/54(2)BYE, dated the 23rd August, 1954, have been removed by the Election Commission in exercise of the powers conferred on it by the said clause and section 144 of the said Act respectively:—

Shri Sant Singh Yusuf,

12/1 Gwaltoli, Kanpur.

Shri T. K. Chaturvedi, Vakil, Collectorate, Kanpur.

[No. UP-P/54(3)BYE.]

By Order,

P. N. SHINGHAL, Secy.

### MINISTRY OF HOME AFFAIRS

*New Delhi, the 29th October 1954*

**S.R.O. 3349.**—In exercise of the powers conferred by section 3 of the Indian Passport Act, 1920 (XXXIV of 1920), the Central Government hereby directs that, with effect from the 1st November, 1954, the following further amendment shall be made in the Indian Passport Rules, 1950, namely:—

In sub-rule (1) of rule 4 of the said Rules, clauses (cc) and (d) shall be omitted.

[No. 6/67/52-FI.]

### CORRIGENDUM

*New Delhi, the 1st November 1954*

**S.R.O. 3350.**—In the notification of the Government of India in the Ministry of Home Affairs, No. S.R.O. 513, dated the 9th April, 1951, published at page 584 of the *Gazette of India*, Part II—Section III, dated the 14th April, 1951, for “5” occurring in line 3 read “15”.

[No. 9/4/54-F.II.]

By Order,

FATEH SINGH, Dy. Secy.

## ORDER

*New Delhi, the 28th October 1954*

**S.R.O. 3351.**—In exercise of the powers conferred by sub-section (2) of section 63 of the Andhra State Act, 1953 (30 of 1953), the President hereby requires all persons specified by name in column (1) or by official designation in column (2) of the Schedule to this Order, to serve in connection with the affairs of the State of Andhra, as allotted officers.

## SCHEDULE

Name (1)	Official designation (2)
<i>Office of the Economic Adviser to the Government of Madras</i>	
1. Sri D. Rangaramanujam	Assistant Statistical Officer
2. Sri T. S. Ramamoorthy	Senior Superintendent.
3. Sri M. V. Subramaniam	} Junior Superintendents.
4. Sri N. B. Govardhana Rao	
5. Sri A. Krishnaswamy	
6. Sri G. Santhana Babu	} Economic Investigators.
7. Sri M. P. Damodaram	
8. Sri N. Lakshmi Prasad	
9. Sri V. Ramanandam	
10. Sri Y. Ayyappa Raju	
11. Sri M. L. Atreya Reddi	
12. Sri C. Damodaram	} Upper Division Clerks.
13. Sri B. Subbaraya Gupta	
14. Sri S. Bhadrappa	
15. Sri C. Krishnamoorthy	
16. Sri T. Subramaniam	
17. Sri D. V. Suryanarayana	} Lower Division Clerks.
18. Sri P. Narasimha Rao	
19. Sri K. T. Perumal	
20. Sri Prabhakara Babu	
21. Sri T. B. Lakshmiah	
22. Sri N. S. Gopalaswamy	Typist.

[No. 26/4/53-AIS(I).]

N. N. CHATTERJEE, Dy. Secy.

## MINISTRY OF STATES

*New Delhi, the 2nd November 1954*

**S.R.O. 3352.**—In exercise of the powers conferred by Entry 3(b) of the Table annexed to Schedule I to the Indian Arms Rules, 1951, the Central Government is pleased to specify Her Highness Maharani Urmilla Devi, a member of the family of the Ruler of Nabha for the purposes of that entry and directs that the exemption shall be valid only in respect of 3 rifles, 3 guns and 1 revolver.

[No. 125-D.]

R. S. BAHL, Under Secy.

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**MINISTRY OF FINANCE (REVENUE DIVISION)**
**CUSTOMS***New Delhi, the 6th November 1954*

**S.R.O. 3353.**—In exercise of the powers conferred by section 23 of the Sea Customs Act, 1878 (VIII of 1878), the Central Government hereby directs that the following amendment shall be made in the notification of the Government of India in the Ministry of Finance (Revenue Division) No. 81-Customs, dated the 26th August 1950, namely:—

In the said notification, for the expression "item 77", the expression "item 77(5)" shall be substituted.

[No. 148.]

JASJIT SINGH, Dy. Secy.

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**ORDER****STAMPS***New Delhi, the 28th October 1954*

**S.R.O. 3354.**—In exercise of the powers conferred by clause (a) of sub-section (1) of section 9 of the Indian Stamp Act, 1899 (II of 1899), the Central Government hereby remits retrospectively the whole of the stamp duty chargeable under the said Act on the following instruments, namely:—

- (1) The lease deed dated the 16th November 1953, executed in favour of the Indonesian Embassy in respect of a plot of land measuring 4.22 acres in the Diplomatic Enclave, New Delhi
- (2) The lease deed dated the 17th November 1953, executed in favour of the Government of Ceylon in respect of a plot of land measuring 3.92 acres in the Diplomatic Enclave, New Delhi
- (3) The lease deed dated the 19th April 1954, executed in favour of the Government of Pakistan in respect of a plot of land measuring 11.95 acres in the Diplomatic Enclave, New Delhi.
- (4) The lease deed dated the 8th May 1954, executed in favour of the Burmese Embassy in respect of a plot of land measuring 5.98 acres in the Diplomatic Enclave, New Delhi.

[No. 17.]

M. G. MATHUR, Under Secy.

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**CENTRAL BOARD OF REVENUE****CORRIGENDUM****INCOME-TAX***New Delhi, the 3rd November 1954*

**S.R.O. 3355.**—In the Schedule to the notification of the Central Board of Revenue S.R.O. 3203 (No. 57-Income-tax, dated the 11th October 1954) published in Part II, Section 3 of the *Gazette of India*, dated the 16th October 1954—

- (i) in column 1, between "A-III Ward" and "A-V Ward" read "A-IV Ward";  
and
- (ii) in column 2, for "D-III Ward" read "D-II Ward"

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**INCOME-TAX***New Delhi, the 30th October 1954*

**S.R.O. 3356.**—In pursuance of sub-section (4) of Section 5 of the Indian Income-tax Act, 1922 (XI of 1922), the Central Board of Revenue directs that

the following further amendment shall be made in its Notification No. 32-Income-tax, dated the 9th November, 1946, namely:—

In the Schedule appended to the said Notification—

(i) for the sub-head "VII-A. Punjab, Himachal Pradesh, Bilaspur, Patiala and East Punjab States Union", the following sub-head shall be substituted, namely:—

"VII-A. Punjab, Himachal Pradesh, Bilaspur, Patiala and East Punjab States Union and Jammu & Kashmir State",  
and

(ii) under this sub-head as amended after entry 8, against Amritsar Range, the following entries shall be added, namely:—

9. A-Ward, Srinagar.
10. B-Ward, Srinagar.
11. Central Circle, Srinagar.
12. Kashmir Muffasil Circle, Srinagar.
13. Survey Circle I, Srinagar.
14. Survey Circle II, Srinagar.
15. Salary Circle, Srinagar.
16. Jammu City Circle, Jammu.
17. Special Circle, Jammu.
18. Udhampur Circle, Udhampur.
19. Survey Circle, Jammu.

This Notification shall be deemed to have taken effect on the 8th October 1954.

[No. 62.]

K. B. DEB, Under Secy.

## MINISTRY OF COMMERCE AND INDUSTRY

*New Delhi, the 29th October 1954*

**S.R.O. 3357.**—In exercise of the powers conferred by section 10 of the Indian Power Alcohol Act, 1948 (XXII of 1948), the Central Government hereby directs that the following amendments shall be made in the Indian Power Alcohol, Rules, 1950, namely:—

In the said Rules—

(1) In Rule 18, for the words 'return one copy to the distillery', the words 'return one copy to the distillery through the Officer-in-Charge of that distillery' shall be substituted;

(2) Rule 31 shall be re-numbered as Sub-Rule (1) of Rule 31 and after Sub-Rule (1) as so renumbered, the following Sub-Rule shall be inserted, namely:—

(ii) "When the mixture after release by the Officer-in-Charge of the depot gets contaminated with water and petrol and the alcohol constituents get separated, the mixing licensee shall arrange to recover the petrol fraction from the contaminated mixture in the presence of an excise Officer of the State. The dilute alcohol that may be recovered in the process may be kept in drums under the seal of the Excise Department of the State at a mixing depot, for subsequent disposal in accordance with such directions as may be issued by the Excise Commissioner of such State."

[No. Ch. Ind. 33(14)/54.]

P. S. SUNDARAM, Dy. Secy.

*New Delhi, the 1st November 1954*

**S.R.O. 3358.**—In exercise of the powers conferred by clause (e) of sub-section (3) of section 4 of the Coir Industry Act, 1953 (45 of 1953), read with clause (e) of sub-rule (1) of rule 4 of the Coir Industry Rules, 1954, the Central Government hereby appoints Shri K. P. Madhavan Nair, M.P., as a member of the Coir Board for representing Parliament in the said Board.

[No. 42-Cot.Ind.(A)(9)/53.]

G. S. SHARMA, Under Secy.

## MERCHANDISE MARKS

*New Delhi, the 3rd November 1954*

**S.R.O. 3359.**—In exercise of the powers conferred by sub-section (1) of section 12A of the Indian Merchandise Marks Act, 1889 (IV of 1889), the Central Government hereby directs that with effect on and from the 5th February 1955, the following amendment shall be made in the notification of the Government of India in the Ministry of Commerce and Industry, No. S.R.O. 440, dated the 31st March 1951, the same having been previously published as required by sub-section (4) of the said section, namely:—

In Part II of the Schedule to the said notification, after item 7, the following item shall be added namely:—

"8. Electric Brass Lamp Holders.

On the lamp holders and cartons."

[No. 3(31)-TMP(MM)/54.]

K. N. SHENOY, Dy. Secy.

*New Delhi, the 6th November 1954*

**S.R.O. 3360.**—In exercise of the powers conferred on me by clause 23 of the Cotton Control Order, 1950, and with the sanction of the Central Government, I hereby direct that the following further amendments shall be made in the Textile Commissioner's Notification No. S.R.O. 875, dated the 7th November, 1950, namely:—

In the Schedule annexed to the said Notification, in Column 2, against Serial No. 3, after entry No. (24), add the following entries, namely:—

"(25) Sri R. Subramanyam, Special Officer (Textiles), Office of the Director of Industries and Commerce, Madras,

(26) Sri K. Muthuvenkatachalam, Special Officer (Iron and Steel), Office of the Director of Industries and Commerce, Madras."

M. R. KAZIMI,

Joint Textile Commissioner.

[No. 44(12)-CT(A)/54(iv).]

**S.R.O. 3361.**—In exercise of the powers conferred by section 3 of the Essential Supplies (Temporary Powers) Act, 1946 (Act XXIV of 1946), the Central Government hereby directs that the following further amendment shall be made in the Cotton Control Order, 1950, namely:—

In the said order—

In item (b) of sub-clause (j) of clause 2, after the word and letter 'C class' the words and letter "or H class" shall be inserted.

[No. 44(12)-CT(A)/54(v).]

P. V. S. SARMA, Under Secy.

## MINISTRY OF FOOD AND AGRICULTURE

## AGRICULTURE

*New Delhi, the 28th October 1954*

**S.R.O. 3362.**—In exercise of the powers conferred by sub-section 3 of the Destructive Insects and Pests Act, 1914 (II of 1914) the Central Government hereby directs that the following further amendment shall be made in the Order published with the notification of the Government of India in the late Department of Education, Health and Lands No. F. 320/35-A, dated the 20th July, 1936, namely:—

In rule 6 of the said Order—

(a) In the opening paragraph, for the words "Potatoes shall not be imported into India by sea except from Burma unless they are accompanied by" the words, "Potatoes, other than potatoes from Burma, shall not be imported into India by sea, except through the port of Bombay or

Madras, unless such potatoes are inspected, and if necessary fumigated and disinfected by the Plant Protection Adviser to the Government of India or any person duly empowered by him in this behalf at the port of Bombay or Madras and certified by him to be free from pests and disease and are also accompanied by" shall be substituted:

- (b) after sub-clause (iii) of clause (b) the following sub-clause shall be inserted namely:—

"(iv) that the potatoes included in the consignment are free from coloredo becola, golden nematode and wart disease".

[No. F. 6-18/53-Dte.1.]

BALWANT SINGH, Dy. Secy.

*New Delhi, the 28th October 1954*

**S.R.O. 3363.**—In exercise of the powers conferred by clause 11 of the Sugar and Gur Control Order, 1950, the Central Government, subject to any general or special orders which may from time to time be issued by it in this behalf is pleased to direct that the powers under clause 3 of the said order shall also be exercisable by the State Government of Travancore-Cochin, for the purpose of allowing a deduction of Anna one per maund in the minimum price of sugar cane fixed under Government of India in the Ministry of Food and Agriculture Notification No. S.R.O. 3160, dated the 29th September, 1954, for the 1954-55 crushing season to the Pamba River Sugar Factory, Thiruvalla, to enable the said factory to function during 1954-55 season, provided the recovery of sugar obtained from the cane is less than 8 per cent.

[No. SV-101(1)/54-55.]

P. A. GOPALAKRISHNAN, Joint Secy.

#### (Agriculture)

*New Delhi, the 29th October 1954*

**S.R.O. 3364.**—In exercise of the powers conferred by section 15(2)(g) of the Indian Cotton Cess Act, 1923 (XIV of 1923), the Central Government hereby directs that the following further amendment shall be made to the Indian Cotton Cess Rules, namely:—

In rule 8 of the said rules, in sub-rule (2), the words "subject to such modifications, if any, as that Government may, by general or special order, make in this behalf" shall be added at the end.

[No. F. 1-18/54-Com. II.]

R. L. MEHTA, Dy. Secy.

*New Delhi, the 30th October 1954*

**S.R.O. 3365.**—In pursuance of the provisions of sub-section (d) of Section 4 of the Indian Central Oilseeds Committee Act (IX of 1946), the Central Government is pleased to nominate Shri S. N. Bilgrami, I.A.S., Chief Controller of Imports and Exports, as a member of the Indian Central Oilseeds Committee vice Shri K. B. Lal, I.C.S. Shri Bilgrami will hold office till the 31st March, 1956.

[No. F.5-115/54-Comm.I.]

#### (Agriculture)

*New Delhi, the 2nd November 1954*

**S.R.O. 3366.**—In pursuance of the provisions of sub-section (d) of Section 4 of the Indian Oilseeds Committee Act (IX of 1946), the Central Government hereby nominates Shri B. Banerjee, Assistant Technical Advisor, Ministry of Food & Agriculture, Government of India, as a member of the Indian Central Oilseeds Committee vice Shri D. V. Karmarkar. Shri Banerjee will hold office upto 31st March, 1956.

[No. F.5-96/54-Com-I.]

F. C. GERA, Under Secy.

*New Delhi, the 1st September 1954*

**S.R.O. 3367.**—In pursuance of the provisions of sub-clause (3) of clause 1 of the Foodgrains (Licensing and Procurement) Order, 1952, the Central Government hereby directs that the said Order shall come into force in respect of milo and sorghum in the State of Bombay on the 6th November, 1954.

[No. PYII-652(8)/54.]

### ORDER

*New Delhi, the 23rd October 1954*

**S.R.O. 3368.**—In exercise of the powers conferred by Section 3 of the Essential Supplies (Temporary Powers) Act, 1946 (XXIV of 1946), the Central Government hereby directs that the following further amendment shall be made in the Coarse Grains (Removal of Control) Order, 1954, namely:—

In sub-clause (2) of clause 1 of the said Order, the words "the Amrell district of Bombay" shall be deleted.

[No. PYII-656(15)/54.]

S. N. BHALLA, Dy. Secy.

### MINISTRY OF HEALTH

*New Delhi, the 22nd October 1954*

**S.R.O. 3369.**—In exercise of the powers conferred by section 12 of the Drugs Act, 1940 (XXIII of 1940), the Central Government, after consultation with the Drugs Technical Advisory Board, hereby directs that the following further amendment shall be made in the Drugs Rules, 1945, the same having been previously published as required by the said section, namely:—

For the proviso to rule 37 of the said Rules, the following proviso shall be substituted namely:—

"Provided that such medicines may be imported in bulk containers by any person who holds a licence to manufacture, if such person has obtained permission in writing to import such medicines from the licensing authority at least three months prior to the date of import."

[No. F.1-9/53-DS.]

KRISHNA BIHARI, Under Secy.

### CENTRAL EXCISE COLLECTORATE, BARODA

#### CENTRAL EXCISE

*Baroda, the 13th October 1954*

**S.R.O. 3370.**—In pursuance of Rules 42 and 223 read with Rule 233 of the Central Excise Rules, 1944, I direct that every wholesale dealer in duty paid tobacco, including a manufacturer of tobacco products shall;

- (i) where he stocks tobacco assessed at the higher and the lower rates of duty keep separate accounts of tobacco assessed at different rates of duty either in separate books or in separate sections in the same book;
- (ii) stock the tobacco in an orderly manner so as to permit easy count and verification of goods with the covering documents and accounts, consignments of tobacco received under different transport documents being so stored that they can be identified and distinguished from each other;



- (iii) where he delivers tobacco under sale-notes, endorse on the back of the original transport permit the quantity of tobacco issued on T.P. 1 or sale-note every day in the subjoined form;

Date of issue	T.P.1 or Sale-note No.	No. of Packages	Net weight	Balance
(1)	(2)	(3)	(4)	(5)

- (iv) where he manufactures tobacco products *viz.*, hookah tobacco, snuff, etc. he shall enter on the fly leaf of the E.B. 3 book, the formula for manufacture of such products showing the proportion of tobacco and other ingredients used for manufacture of an unit of such products. Biri manufacturers shall enter on the fly leaf types and brands of biris manufactured and the weight of tobacco used per thousand biris of each type or the number of biris of each type obtained per pound of tobacco.
- (v) physically check his stocks of duty paid tobacco half yearly in the last week of June and December by actual weighment and enter the quantity so ascertained in the E.B. 3 account on the date of check, the difference between actual and book balances being shown in the remarks column as loss or gain as the case may be.

[No. 10.]

R. N. MISRA, Collector.

### MINISTRY OF TRANSPORT

#### (Transport Wing)

*New Delhi, the 19th October 1954*

**S.R.O. 3371.**—In exercise of the powers conferred by clause (d) of Sub-section (2) of section 52 of the Delhi Road Transport Authority Act, 1950 (XIII of 1950), the Central Government hereby directs that the following further amendment shall be made in the Delhi Road Transport Authority (Advisory Council) Rules, 1951, published with the notification of the Government of India in the Ministry of Transport No. S.R.O. 1298, dated the 20th August 1951, namely:—

In sub-rule (5) of rule 9 of the said Rules, for the word 'seven', the word 'five' shall be substituted.

[No. 18-TAG (20)/54.]

GIAN SINGH, Under Secy.

### MERCHANT SHIPPING

*New Delhi, the 30th October 1954*

**S.R.O. 3372.**—In exercise of the powers conferred by sub-section (5) of section 24-A of the Indian Merchant Shipping Act, 1923 (XXI of 1923), the Central Government hereby directs that the following amendment shall be made in the Indian Merchant Shipping (Seamen's Employment Office, Bombay) Rules, 1954, namely:—

In the said Rules, for rule 45, the following rule shall be substituted, namely:—

"45. Notwithstanding anything contained in these rules—

- (a) all persons employed by shipowners on a permanent basis and in respect of whom one or more declarations to this effect are filed by the shipowners concerned at the Employment Office, and
- (b) all persons employed as Clerks, Wireless Operators, Musicians or Vishiwallas or in any other capacity specified in an order issued in this behalf by the Director,

shall for the purpose of sub-section (3) of section 25-A of the Indian Merchant Shipping Act, 1923, be deemed to have been engaged through the Employment Office, and nothing in these rules shall apply to the employment of such persons."

[No. 14-MS(1)/53.]

*New Delhi, the 2nd November 1954*

**S.R.O. 3373.**—In exercise of the powers conferred by Section 191 of the Indian Merchant Shipping Act, 1923 (XXI of 1923), and in supersession of the rules published with the notification of the Government of India in the late Department of Finance and Commerce, No. 1354, dated the 14th March, 1889, the Central Government hereby makes the following rules, the same having been previously published as required by sub-section (3) of the said section.

### DRAFT RULES

1. These rules may be called the **Unberthed Passenger Ships Rules, 1954**.

2. **Definitions.**—In these rules, unless the context otherwise requires—

- (i) "the Act" means the Indian Merchant Shipping Act, 1923 (XXI of 1923);
- (ii) "duration of a voyage" means the interval between the time at which a ship leaves the pilot station of a port from which the voyage commences and the time at which she arrives at the pilot station of a port at which the voyage terminates;
- (iii) "new ship" means a ship the keel of which was or is laid on or after the 16th June, 1953;
- (iv) "passenger" means an unberthed passenger as defined in clause (1) of section 149,
- (v) "Port Health Officer" means any person appointed by the Central Government, either by name or by virtue of his office, to be the Health Officer of a port, and includes an Additional or Deputy Assistant Port Health Officer, and any officer appointed by the Central Government, either by name or by virtue of his office, to perform any of the duties of a Health Officer of a Port;
- (vi) "Schedule" means a Schedule to these Rules;
- (vii) "section" means a section of the Act;
- (viii) "ship" means an unberthed passenger ship as defined in Clause (2) of section 149, and
- (ix) "Surveyor" means a Surveyor appointed under section 129.

3. **Supply of Food, Fuel and Water.**—Food shall be available on board for the use of passengers for the duration of the voyage they are to undertake approximately on the following scale, substitutes or equivalents may be accepted provided there is reasonable cause:—

Article of Food	Quantity per passenger per diem on voyage of	
	48 hours duration or less	More than 48 hours duration
Rice . . . . .	8 oz.	8 oz.
Flour . . . . .	..	4 oz.
Pulse . . . . .	4 oz.	4 oz.
Ghee or oil . . . . .	$\frac{1}{2}$ oz.	1 oz.
Onions . . . . .	2 oz.	2 oz.
Vegetables . . . . .	..	2 oz.
Tamarind . . . . .	..	1 oz.
Condiments (Chillies, garlic, coriander seed and turmeric) . . . . .	$\frac{1}{2}$ oz.	$\frac{1}{2}$ oz.
Salt . . . . .	$\frac{1}{2}$ oz.	$\frac{1}{2}$ oz.
Milk . . . . .	..	8 oz.

Provided that in the case of ships sailing from any port in the State of Madras, the scale on which condiments and salt shall be supplied shall be double the scale specified in the above table and the scale on which tamarind shall be supplied shall be one ounce per passenger per diem on voyages of 48 hours duration or less and two ounces per passenger per diem on voyages of more than 48 hours duration.

4. All articles of food supplied to passengers shall be of good quality.

5. Fuel for cooking food shall be supplied free of charge in the cooking ranges according to the requirements of passengers.

6. The scale on which fresh water shall be supplied to passengers on all voyages shall be five imperial gallons per passenger per diem for all purposes including the quantity necessary for cooking and drinking.

7. Fresh water shall be carried in iron or steel tanks which comply with the following conditions:—

- (a) all tanks shall be such as to satisfy the surveyor as to their structural conditions and cleanliness;
- (b) double bottom tanks shall be divided longitudinally in the middle except in narrow tanks at each end of the ship;
- (c) the fresh water system shall be under the control of the master of the ship.

8. There shall be provided on every deck used by passengers efficient means for the regular supply of fresh drinking water suitably distributed forward and aft for the use of passengers.

The minimum of such supply stations shall be as follows:—

Registered length of ship	Minimum number of supply stations
1. Less than hundred feet	2
2. Not less than one hundred feet but less than two hundred feet.	3
3. Not less than two hundred feet but less than three hundred feet.	4
4. Not less than three hundred feet but less than three hundred and fifty feet.	6
5. Not less than three hundred and fifty feet but less than four hundred feet.	8
6. Not less than four hundred feet.	10

9. *Provision of Medical Stores, etc.*—(1) Every ship carrying more than one hundred passengers and performing voyages the duration of which exceeds 48 hours shall have on board a supply of medical stores and surgical appliances according to the scale prescribed in Schedule I which shall be kept in a surgery of a shape approved by the surveyor and having a floor area of not less than 48 sq. feet, fitted with suitable racks and lockers, a table and a sink and having an adequate supply of fresh water.

(2) Every ship, other than a ship to which sub-rule (1) or sub-rule (3) applies, shall carry on board a supply of medical stores and surgical appliances according to the scale specified in Schedule II.

(3) Every ship performing a voyage the duration of which in ordinary circumstances does not exceed 24 hours shall carry on board a supply of medical stores and surgical appliances according to the scale specified in Schedule III.

10. The medical stores and surgical appliances shall be inspected once at least in every year and at intervals of not less than six months by the Port Health Officer who shall, if he is satisfied that the provisions of rule 9 have been complied with, grant a certificate to that effect to the Master of the ship.

11. Whenever circumstances so require, the Medical Officer or, if there is none, the Master of a ship, shall provide free medical stores and surgical appliances for the use of passengers of the ship.

12. *Hospital Arrangements*:—The following permanent hospital arrangements shall be made on every ship carrying more than one hundred passengers and engaged on voyages the duration of which exceeds 48 hours:—

- (i) There shall be fitted on deck or decks above the between-decks hospital accommodation for passengers and it shall be demarcated to the satisfaction of the surveyor or the port health officer;
- (ii) The area of the deck space provided for this purpose shall be not less than the following scale depending on the number of passengers which the ship is certified to carry, namely, not less than 96 sq. feet for the first six hundred passengers or less and an additional 24 square feet for every additional two hundred passengers or part thereof exceeding six hundred, upto a maximum of 192 sq. feet., provided that the hospital accommodation made available on the ship shall be large enough to enable beds to be fitted in accordance with clause (viii);
- (iii) There shall be a separate hospital for the exclusive use of members of each sex, when members of both sexes are carried;
- (iv) Every hospital shall have a floor area of at least 48 sq. feet.
- (v) Every hospital shall be sufficiently ventilated and lighted to the satisfaction of the surveyor and shall be provided with proper beds, bedding and the necessary appliances;
- (vi) Every hospital shall have its own latrine and bath-room, situated immediately adjacent to the hospital, either in one compartment or separately;
- (vii) (a) Beds shall be of metal which has been approved for use in the hospital of a ship;  
(b) Every hospital shall remain open at all times for the admission and treatment of passengers suffering from any disease other than a disease referred to in rule 14.
- (viii) Hospital beds shall be fitted on the scales given below depending on the total number of passengers that the ship is certified to carry and whether the ship is performing a voyage of between 48 and 120 hours or a voyage over 120 hours:—

No. of passengers that the ship is certified to carry	Voyages of duration between 48 hours and 120 hours	Voyages of duration over 120 hours
100 to 400 passengers	4	4
401 to 500   "   "	4	5
501 to 600   "   "	4	6
601 to 700   "   "	5	7
701 to 800   "   "	5	8
801 to 900   "   "	6	9
901 to 1000   "   "	6	10
1001 to 1100   "   "	7	11
above 1100   "   "	8	12

13. (1) In the case of ships certified to carry more than one hundred passengers and performing a voyage the duration of which in ordinary circumstances does not exceed 48 hours, there shall be carried materials for the erection of a temporary hospital. The superficial area reserved for such hospital need not be more than 72 feet and this space shall be deducted from the area measured for passengers on board such ships.

2. The portion of the upper deck on which such temporary hospital shall be erected shall be demarcated and measured off by the surveyor. The frame work of the hospital may be of iron (in pieces that can be easily fitted together) or of wooden spars or bamboos. The roof must be tented and both side walls must be made of stout canvas or other suitable material and be perfectly watertight, due provision being made at the same time for ventilation.

14. (1) To provide for the accommodation and treatment of such cases of illness (e.g., case of small-pox cholera, yellow fever or plague) as it may be considered desirable to segregate from the others, every ship carrying more than 100

passengers and performing a voyage the duration of which in ordinary circumstances exceeds 48 hours, but not 120 hours, shall carry on board the materials necessary for the construction of a temporary hospital and a part of the upper deck not less than 144 sq. feet in area shall be set apart and demarcated to the satisfaction of the surveyor or port health officer for the purpose.

(2) Ships performing a voyage the duration of which in ordinary circumstances exceeds 120 hours shall be fitted with a permanent isolation hospital. Such hospital shall be in as isolated a position as possible to the satisfaction of the surveyor and the Port Health Officer at the port of clearance.

(3) Clauses (i), (iii), (iv), (v), (vi) and (vii) (a) of rule 12 shall apply to such permanent isolation hospitals and the number of beds fitted in every such hospital shall be not less than two.

15. *Latrines*.—(1) For the exclusive use of passengers every ship shall be provided with latrines according to the following scale:—

(a) In the case of ships performing a voyage the duration of which in ordinary circumstances exceeds 48 hours, not less than four latrines for every hundred passengers or part thereof upto 800 passengers and an additional three latrines for every additional 100 passengers or part thereof exceeding 800 passengers.

(b) In the case of ships performing a voyage the duration of which in ordinary circumstances exceeds 24 hours but not 48 hours, not less than three latrines for every hundred passengers upto 600 passengers and one additional latrine for every additional 50 passengers or part thereof exceeding 600 passengers.

(c) In the case of ships performing a voyage the duration of which in ordinary circumstances does not exceed 24 hours, one latrine for every fifty passengers or part thereof.

(2) In every ship, small commode seats with back rests shall be made available for the use of children in the proportion of half per cent of the total number of passengers which the ship is certified to carry, up to a maximum of six. Such commodes shall be placed immediately adjacent to latrines.

16. (1) The latrines shall be situated above the between-decks forward and aft at convenient and easily accessible places in all weathers, but not on the poop or bridge decks certified to carry passengers.

(2) No latrines shall be constructed in the between-decks:

Provided that if on the date of commencement of these Rules, a ship is fitted with latrines which comply with sub-rule (1) except to the extent that latrines are fitted amidships instead of forward and aft, no alteration in the present position of the latrines shall be required for the purpose of compliance with the sub-rule.

17. Every latrine shall be of a design approved by the Central Government and shall be fitted with automatic intermittent flushing device and provided with facilities for flushing, whether the ship is at rest or in motion.

In all new ships, the latrine compartments shall be at least 3 feet by 3 feet 9 inches and shall be provided with two storm rails.

18. Latrines situated between the weather deck and the shelter deck shall be properly ventilated and effectively shut off so as to prevent effluvia escaping therefrom into any passenger space.

19. Every latrine shall be properly lighted and provided with a water tap, a pannikin and an adequate supply of water for purposes of ablution:

Provided that, in ships which are not new ships and in which the latrines are in batteries, it shall be sufficient to provide one water tap in each battery of latrines.

20. (1) Separate latrines shall be set apart for the exclusive use of male passengers and female passengers respectively and shall be provided with entirely separate entrances.

(2) Every latrine set apart for the use of males shall be indicated by the figure of a man painted or engraved on or attached to, the entrance and every latrine set apart for the use of females shall be similarly indicated by the figure of a woman, in the same manner.

21. Separate latrines shall be provided for the use of the crew and while passengers are on board, the crew shall not be allowed to use the latrines set apart for passengers, nor shall passengers be allowed to use the latrines set apart for the crew.

22. Every latrine shall be kept clean and in good order and while passengers are on board, shall be disinfected, not less than three times a day.

23. Every ship shall have, for the purpose of cleaning the latrines, a special staff of sweepers on the scale of one sweeper for every twelve latrines or part thereof.

24. *Wash places and Baths.*—(1) In the case of ships performing a voyage the duration of which exceeds 48 hours, there shall be provided for the exclusive use of passengers—

(a) one wash-basin or preferably a sink with running cold fresh water for every fifty passengers; and

(b) one salt water tap or shower for bathing for every hundred passengers or part thereof, of which one tap or shower in the wash place shall be supplied with running hot salt water so regulated as to prevent scalding of passengers.

(2) Every ship performing a voyage the duration of which in ordinary circumstances is not less than 24 hours, but does not exceed 48 hours, shall be provided with half the scale of wash basins, taps or showers prescribed in sub-rule (1).

(3) Every ship performing a voyage the duration of which in ordinary circumstances does not exceed 24 hours shall be provided with one wash-place for male passengers and one for female passengers. Each such wash-place shall be fitted with at least one wash-basin or sink with running cold fresh water.

25. Every such wash-place shall—

(i) be so situated as to avoid the necessity of any one passing through the inner compartment of any latrine in order to reach the wash-place;

(ii) be adequately screened from public view;

(iii) have an adequate supply of water;

(iv) have taps and valves marked to indicate whether the water is fresh, salt or hot;

(v) be fitted with adequate means of ventilation.

26. At least one wash-place shall be set apart for the exclusive use of female passengers.

27. *Dressing Rooms.*—(1) In every ship performing a voyage the duration of which in ordinary circumstances exceeds 48 hours, there shall be provided on the deck two dressing rooms, one for male, and the other for female, passengers, fitted with mirrors and seats:

Provided that in the case of ships performing voyages the duration of which in ordinary circumstances exceeds 12 hours but does not exceed 48 hours, one such dressing room exclusively reserved for the use of female passengers shall be provided.

(2) The dressing room shall be adjacent to the wash-places and wherever possible, there shall be an inter-communicating door or passage between the wash-place and the dressing room.

(3) The superficial area of each dressing room shall be not less than 24 sq. feet and where the dressing room is not immediately adjacent to wash-places, one wash-basin, out of the total number to be provided under rule 24 shall be fitted with a tap and provided with an adequate supply of fresh water.

28. *Cooking Ranges.*—For the exclusive use of passengers every ship shall be provided with not less than two cooking ranges for the first one hundred passengers she is certified to carry and with one additional cooking range for every two hundred passengers or a part thereof in excess of the first one hundred:

Provided that in the case of ships performing a voyage the duration of which in ordinary circumstances does not exceed 48 hours and carrying from port to

port passengers who do not ordinarily cook their food on board, the number of cooking ranges to be provided may, with the approval of the surveyor, be reduced to such number not being less than two as he may consider adequate:

Provided further that in no case shall more than 12 cooking ranges be required under this rule.

29. Every cooking range shall—

- (a) be of a design approved by a surveyor;
- (b) be properly housed and covered;
- (c) contain at least five cooking places;
- (d) be so placed and so grouped together as to reduce the hazard of fire to the minimum.

30. No passenger shall cook on board at any place other than a cooking range and, without prejudice to any action which may be taken against such passenger under rule 49, it shall be lawful for the Master to remove the fire-place and also to confiscate it.

31. The crew of the ships shall not be allowed to use the cooking ranges set apart for passengers while they are on board.

32. *Dining Spaces.*—(1) The provisions of this rule shall apply to ships performing voyages the duration of which in ordinary circumstances exceeds 48 hours.

(2) In the case of new ships, there shall be provided a dining space or spaces, equipped with sufficient tables having impervious tops also with chairs or benches and with electric fans and wash basins for the exclusive use of passengers. The wash-basins should be screened off from the dining spaces.

(3) The deck area of such dining spaces shall be not less than 1 sq. foot for every passenger which the ship is certified to carry:

Provided that in the case of ships which are not new ships the deck area set apart as dining spaces may be reduced but in no case shall there be less than  $\frac{1}{2}$  sq. foot per passenger set apart for this purpose.

(4) The dining spaces, furniture and other equipment therein shall be kept clean and hygienic. Waste water shall be carried away in covered drains and shall not be allowed to accumulate so as to cause a nuisance. Suitable arrangements shall be made for the collection and disposal of garbage.

33. *Ventilation.*—(1) There shall be provided in every between-deck other than the self-venting decks, a fan of the size of 28 inches or its equivalent for every 300 superficial feet of the deck space measured for passenger accommodation for securing adequate supply of air:

Provided that where the surveyor is satisfied that the sweep of the fan used is larger, he may allow a corresponding reduction in the number of fans to be so fitted.

(2) (a) In every new ship with a system of cowl ventilation, the ventilator for each upper between-deck compartment shall have an aggregate area of not less than 10 sq. inches for each adult accommodated in the compartment, that is 5 sq. inches as inlet and an equal amount as outlet measured at the narrowest part of the air passage.

(b) The ventilators which are to supply a lower between-deck compartment shall have an aggregate area of not less than 15 sq. inches for each adult accommodated in the compartment, that is  $7\frac{1}{2}$  sq. inches as inlet and an equal amount as outlet measured at the narrowest part of the air passage.

(c) The ventilators referred to in sub-rules (a) and (b) shall be exclusive of side scuttles, doors, hatchways, sky-lights and other apertures not built solely for ventilation.

(d) In lieu of cowl ventilator, passenger space may be ventilated by an approved mechanical system whose effectiveness shall not be less than that prescribed under sub-rules (a) to (c).

34. *Licensing and Appointment of Medical Officers.*—A ship which is certified to carry more than one thousand passengers and is engaged in performing a voyage the duration of which in the ordinary course exceeds one hundred and twenty hours, shall have on board a qualified nurse in addition to the medical officer required by sub-section (1) of section 184.

35. Any person desiring to be licensed as a medical officer of a ship may apply in writing to the Health Officer of the port of first departure of the ship.

36. No person shall be granted a medical officer's licence unless he is registered as a medical practitioner with one of the State Medical Councils.

37. (1) A medical officer's licence shall be granted by the Central Government, or by such person as may be authorised by it in this behalf in the form given in Schedule IV.

(2) It shall remain in force for one year from the date on which it is issued, but may be renewed by the authority granting it for further periods of one year at a time.

38. *Functions of the Medical Officer.*—The Medical Officer, if any, of every ship shall regularly keep for every voyage—

(i) a diary in which he shall briefly and accurately record from day to day—

(a) the principal events of medical importance occurring on board the ship during the voyage,

(b) such facts in respect of the medical history of the crew and the passengers as he considers important; and

(c) the advice, if any, given by him to the master and the action taken by the latter;

(ii) a register in the form given in Schedule V recording the admission and discharge of every case treated by him; and

(iii) a register of deaths in the form given in Schedule VI.

39. The Medical Officer shall on arrival at the last port of voyage produce before the Health Officer of the Port, the medical diary and registers prescribed by rule 38. At intermediate ports the medical officer on demand shall produce before the Health Officer of the Port the diary and registers prescribed above.

40. *Inspection of Catering Arrangements.*—(1) Every ship shall be inspected by the Port Health Officer at a major port of embarkation (*viz.* Bombay, Calcutta, Madras, Cochin or Visakhapatnam) and at such other ports as may be notified from time to time by the Central Government, in this behalf. The inspection at a major port of embarkation shall take place in respect of ships engaged on overseas unberthed passenger trade every time before passengers embark and at any other port, notified as aforesaid at such intervals and at such times as may be found convenient by the Port Health Officer concerned. Every Port Health Officer shall issue a certificate of inspection in the form given in Schedule VII after carrying out the necessary inspection and examination and after satisfying himself that the food, materials, utensils, cooking places and the dining spaces for passengers are satisfactory and the catering staff are fit and in good health to carry out their duties without detriment to the health of the passengers. The certificate of inspection shall be in triplicate, of which one copy shall be given to the Master of the ship, and the duplicate shall be forwarded to the Principal Officer, Mercantile Marine Department (of the Madras, Bombay or Calcutta District as may be appropriate). The triplicate shall be retained by the Port Health Officer.

(2) In the case of ships engaged in the coastal unberthed passenger trade and carrying passengers on short voyages, the inspection of food, materials, utensils, cooking places and the dining spaces for passengers may be carried out and necessary certificate in the form appended to these rules issued by the Port Health Officer as and when possible.

(3) The Master of a ship shall, as soon as he obtains a copy of the Certificate of Inspection, take all necessary steps to rectify any defect in the condition of food or materials, and any other matter pointed out in the certificate, and shall replace, before embarkation, any member of the catering staff who has been certified to be medically unfit.

(4) In any case, where for any special reason it has not been possible for the Port Health Officer at the main port of embarkation to issue a certificate of inspection as provided above, the Port Health Officer concerned shall arrange to issue to the Master of the Ship a certificate of exemption, in the form given in Schedule VIII. A copy of such certificate shall be forwarded to the Principal Officer, Mercantile Marine Department, concerned.

41. Any person appointed by the Central Government as Deck Passenger Welfare Officer, when travelling on board any such ship, may at any time inspect the food supplied to the passengers, the materials used for the preparation of such food and the utensils, cooking places, dining spaces and sanitary arrangements intended for the passengers and may bring to the notice of the Master of the ship any complaints regarding the quality of the food or materials used in the preparation of such food or the condition of the utensils, cooking places, or dining



spaces, or sanitary arrangements or the health or behaviour of the catering staff, and it shall be the duty of the Master to take necessary steps, forthwith, to attend to these complaints and make a note in his Log Book of the action taken by him in this regard.

42. *Miscellaneous.*—In seasons of fair weather, every ship carrying upper-deck passengers shall be provided with awning of stout canvas covering the whole of the open portion of the deck used by such passengers.

43. Every Certificate "B" shall, in addition to the particulars required to be stated by section 155 of the Act, state whether the requirements of these rules have been complied with, and shall also specify the number of upper-deck passengers for whom space is available on board the ship.

44. (1) The space measured for passengers shall not be utilised for the carriage of cargo.

(2) The requirement of this rule shall not apply to ships where "A" Certificates issued to them have been suitably endorsed by the competent authority specifying the deck or compartments to be used for such carriage and the consequent deduction in the total certified passenger capacity on the specified voyage, nor shall it apply during a voyage between one or more ports to ships where spaces measured for passengers are not required for that purpose. In such an eventuality the "B" Certificate only shall be endorsed by the certifying officer.

45. No cattle either as cargo or for consumption on the voyage shall be allowed on any deck or compartment in which passengers are carried unless the space occupied by the cattle is separated from the passengers by a steel gas-tight bulkhead, and is suitably drained and ventilated clear of the passenger spaces.

46. *Complaint and Suggestion Books.*—A complaint and suggestion book shall be provided on every ship and shall be placed in an easily accessible and conspicuous place for the use of passengers and shall at all times be open to inspection by the Deck Passenger Welfare Officer.

47. *Equivalents and Exemptions.*—Where these rules require that a particular fitting, appliance or apparatus, or type thereof, shall be fitted or carried in a ship, or that any particular provision shall be made, the Director General of Shipping may allow any other fitting, appliance or apparatus or type thereof, to be fitted or carried, or any other provision to be made in that ship if he is satisfied by trial thereof that such other fitting, appliance or apparatus or type thereof, or provision, is an effective substitute for that required by these rules.

48. The Director General of Shipping may, subject to such conditions as he thinks fit, exempt any ship or class of ships from full compliance with any of these rules if he is satisfied that such compliance is either impracticable or otherwise inexpedient, or, if extensive structural alterations are involved, such alterations are unreasonable in the case of that ship or class of ships.

49. A breach of any of the provisions of these rules shall be punishable with fine which may extend to two hundred rupees and when the breach is a continuing breach, with a further fine which may extend to twenty rupees for every day after the first during which the breach continues.

#### SCHEDULE I

[See Rule II (i)]

The supply of medical stores and surgical appliances on a ship carrying more than one hundred passengers and performing a voyage the duration of which exceeds 48 hours shall be according to the following scale :—

I. The supply of medicines and miscellaneous articles shall be, where the number of passengers is :—

more than	100, but not more than 250	1½ times	the quantity shown in the second column of the Table below.
250,	400	2 "	
400,	550	3 "	
550,	750	4 "	
750,	950	5 "	
950,	1150	6 "	
1150,	1550	7 "	
1350,	1550	8 "	
1550,	1750	9 "	
1750,	1950	10 "	

and so on ;

(NOTE :—The weights and measures are of the British Pharmacopoeia.)

Name	Quantity	Remarks
<i>Medicine</i>		
Acidum aceticum . . . .	2 oz.	
Acriflavine Powder . . . .	60 grs.	
Tablets medicinal Acidum Acetyl- Salicylicum, 5 grs. . . .	200	
Acidum Boricum . . . .	4 oz.	
Phenol Liquefactum . . . .	1 "	
Acidum Nitro-Hydrochloricum Dilutum . . . .	1 "	
Adrenaline Ampoules . . . .	2 Ampoules, 1 c. c. each	
Ammonii Carbonas . . . .	1 oz.	
Ammonii Chloridum . . . .	$\frac{1}{4}$ "	
Antiphlogistine . . . .	$\frac{1}{4}$ lb.	
Argenti Nitras . . . .	3 points	
Bismuthi Carbonas . . . .	2 oz.	
Borax . . . .	$\frac{1}{4}$ "	
Brandy . . . .	4 "	
Hydroxidum . . . .	2 "	
Chloralis Hydras . . . .	$\frac{1}{4}$ "	
Hydrargyri-Subchloridum . . . .	$\frac{1}{4}$ "	
Camphore . . . .	$\frac{1}{2}$ "	
Coramina . . . .	$\frac{1}{4}$ box of six ampoules.	
Aethylis Chloridum 50 gram tube for local spray . . . .	1 tube.	
Diphtheria Antitoxin in concentrated serum containing not less than 1500 units per c. c. . . .	40,000 units.	
Ephedrinae Hydrochloridum $\frac{1}{4}$ gr. tablets. . . .	50 tablets per vessel.	
Extractum pituitarii Liquidum (in amp. of $\frac{1}{4}$ c.c.) containing not less than 10 units per c.c. . . .	6 ampoules per vessel.	
Ferri et ammonii Citras . . . .	3 oz.	
Insulin in tubes of 100 units each . . . .	4 tubes per vessel.	
Sulphadiazine tablets 0.5 Gm. each . . . .	500 tablets per vessel.	
Sulphamezathine Tablets. . . .	50 tablets.	
Approved mosquito repellent (Dimeth- thyl Phthalate) in 2 oz. bottles. . . .	1 bottle.	
Penicillin Sodium Crystalline-G . . . .	6 millions units per vessels.	
Penicillin in oil and wax . . . .	Vials of 10 c.c. of 300,000 units in 1 c.c. 2 vials per vessel.	
D. D. T. Powder . . . .	3 lbs.	
Calamina . . . .	4 oz.	
Haeme-Plastine ampoules . . . .	One box.	
Tabellae Atropinae Sulphatis 1/100 Gr. . . .	25 tablets.	
Unguentum Hydrargyri Oxidi Flavi . . . .	$\frac{1}{4}$ oz.	
(a) Glycerinum . . . .	1 "	
(b) Resorcinum . . . .	1 "	
Tinctura Belladonnae . . . .	1 "	
Tincture Lebelia Actherus . . . .	$\frac{1}{4}$ "	
Anti-Tetanic Serum . . . .	1500 units.	
Benedict Solution Qualitative . . . .	4 oz.	
" " Quantitative . . . .	4 "	
Free double distilled water 5 c. c. ampoules . . . .	1 doz.	
Syringe hypodermic 25 c. c. and 10 c. c. . . .	1 each.	
Silk-Worm Gut . . . .	1 Pkt.	
Aster anæstheticus . . . .	4 oz.	
Talcum Powder for diluting D. D. T. . . .	30 lbs.	
Sphygmomanometer . . . .	1	
D. D. T. Duster . . . .	1	
Truss, Double 34" . . . .	1	
Hot water bag . . . .	1	
Test Tube . . . .	3	
A holder for argenti Nitras Pnts . . . .	1	

Name	Quantity	Remarks
One set midwifery instruments in canvas roll (forceps etc.)	1 set.	
Probe-pointed director	1	
Needle holder (London Hospital pattern)	1	
Schimmelbusch mask for anaesthesia	1	
Urine-test case	1	
Lotie Calamine	1 lb.	
Cocainae Hydro-Chloridum 90.5 per cent in Oleum Ricini with Hydrargyri Per-chloridum 0.033 per cent	1/8 oz.	
Distilled Water	3 ampules of 10 c. c. each.	
Tablets hypodermic Digitalin 1/100 gr.	1/2 tube of 25 tablets.	
Glucose	4 oz.	
Tablets hypodermic Emetinae Hydro-chloridum 1/4 gr.	1 tube of 25 tablets.	
Tablets Mepacrine	5 Dozs.	
Glycerinum	2 oz.	
Glucose	3 ampules 25 p. c. injection solution in ampules of 10 c.c. each.	
Hydrargyrum cum creta	1/2 oz.	
Tablets hypodermic morphinae Hydro-chloridum 1/6 gr.	1/2 tube of 25 tablets.	
Infusum Puchu Concentratum	1 oz.	
Linimentum camphorae Co.	2 oz.	
Extractum Ergotae Liquidum	1/2 oz.	
Liquid paraffin	1 lb.	
Liquor Ammoniae Fortis.	1 oz.	
Liquor Ammoniae Accatatis Dilutus	6 oz.	
Liquor Arsenicalis	1/2 oz.	
Liquor Atropinae sulphas	1/8 oz.	
Liquor Hydrargyri Perchloridi	1 oz.	
Liquor morphinae Hydrochloridi	1/2 oz.	
Liquor Plumbi Subacetatis Fortis.	2 oz.	
Liquor strychninae Hydrochloridi	1/2 oz.	
Chrysarobinum	1/2 oz.	
Magnesi carbonas Levis	1 oz.	
Magnesi sulphas	3 lbs.	In tins.
Novocaine	1 oz.	One p. c. solution.
Spirits Metylatus Industrialis	1 pint	
Oleum Ricini	4 pints.	
Phenacetinum	1/2 oz.	
Pilula colocynthis Et. Hyoscyami	2 dozs.	
Pilula scillae composita	4 "	
Pilula Plumbi cum opio	4 "	
Potassii Bromidum	1 oz.	
Potassii Chloras	1 oz.	
Potassii Citras.	3 oz.	
Potassii Iodidum	1/2 "	
Potassii Nitras	3 "	
Potassii Permanganas	2 "	
Protargol or Argyrol (10% solution)	1/2 oz.	
Pulvis Ipecacuanhae Compositus in 5 grs. powders (or tablets)	4 dozs.	
Pulvis Jalapae Compositus	1 oz.	
Quininae Sulphas	2 oz.	
Tablets Paludrine	100 per 100 passengers.	
Tablets Sulphaguanidini	50	
Tablets Quininae Sulphas 5 grs.	12 dozs.	
Salol	1/2 oz.	
Santoninum	1/16 oz.	
Sodii Bicarbonas	2 oz.	
Sodii Salicylas.	1/2 oz.	
Spiritus Aetheris Nitrosi	2 oz.	

Name	Quantity	Remarks
Spiritus Ammoniae Aromaticus . . . . .	11 oz.	
Spiritus Rectificatus . . . . .	4 "	
Sulphathiazole . . . . .	300 tablets.	
Tablets hypodermic Strychninae Hydro-chloridum, 1/100 . . . . .	1 tube of 25 tablets.	
Tannafa . . . . .	4 tubes.	
Tinctura Bensoinii Composite . . . . .	1/2 oz.	
Tinctura Camphorae Composita . . . . .	1 "	
Tinctura Cinchonae Composita . . . . .	1/2 "	
Tinctura Digifortis . . . . .	1/2 "	
Tinctura Ferri Perchloridi . . . . .	1 "	
Tinctura Hyoscyami . . . . .	1/2 "	
Liquor Iodi Mitis . . . . .	2 "	
Tinctura Chloroformi Et Morphinae Composita . . . . .	2 "	
Tinctura Nucis Vomicae . . . . .	1 "	
Tinctura Opii . . . . .	1 "	
Tinctura Quininae Ammoniata . . . . .	1 "	
Tinctura Senegae . . . . .	1 "	
Pulvis Tragacanthae . . . . .	1 "	
Unguentum Hydrarg Ammoniati . . . . .	1 "	
Unguentum Simplex . . . . .	2 "	
Unguentum Sulphuris . . . . .	4 "	
Unguentum Zinci Oxidi . . . . .	1 "	
Hexamina . . . . .	1/4 "	
Paraffinum Molle Flavum . . . . .	2 "	
Vinum Antimoniale . . . . .	1/2 "	
Vinum Ipecacuanhae . . . . .	1 "	

*Miscellaneous articles.*

Bangors Food or Horlicks Malted Milk . . . . .	8 oz.
Vaccine anti-smallpox fresh . . . . .	Sufficient for 75 persons.
Vaccine anti-cholera fresh . . . . .	150 cc.

This is to be given in two doses of  $\frac{1}{2}$  and 1 cc. respectively *i. e.*  $1\frac{1}{2}$  cc. in all, per person. It should be kept in cold storage on board and used when required and should be discarded in accordance with the date of expiry on the phials under orders of the Port Health Officer.

Vaccine anti-plague fresh. . . . .	*150 cc.
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Unless it can be shown that all persons on board have been protected by inoculation just prior to embarkation, 1 1/2 cc. for each person on board should be carried; for short voyages 100 cc. of fresh cholera vaccine instead of 150 cc. may be carried. This is usually given in doses similar to anti-cholera vaccine but it may be given in one single dose.  
1 cc.\* The vaccine should be carried under conditions similar to those in regard to cholera vaccine and discarded in a similar way under orders of the Port Health Officer.

Name	Quantity	Remarks
30 cc.* instead of 150 cc. may be carried in the case of ships which have been deraised within six months.		
Plaster Adhesive 1—5 yds.	1 reel of 5 yards.	
Calcico . . . . .	2 yards.	
Flannel . . . . .	2 yards.	
Lint . . . . .	4 yards.	
Bandages roller . . . . .	8 dozens (1 doz. of each of 1", 2" and 3").	
Paper for powers etc. . . . .	1 quire	
Corks for bottles . . . . .	1 dozen.	
Wool cotton . . . . .	1 lb.	
Bed pan metal . . . . .	1 in number.	
Gauze antiseptic . . . . .	1 yard.	

These quantities apply to Lister Institute anti-plague vaccine. For Haffkine Institute Bombay vaccine the quantities should be trebled.

Note:—The preparations of Ammonia, aether, chloroform, Iodine and all acids should be in well stoppered bottles.

All the drugs etc. must be properly labelled with the quantities marked on each label.

"Poisons" should be especially distinguished by labels with the words "Poison" on them.

II. The supply of instruments and other articles, anaesthetics and disinfectants shall be as follows:—

Name	Quantity or number	Remarks
<i>Instruments and other articles</i>		
Boxes chips for ointment 1 oz. each . . . . .	18	
Bottles dispensing assorted . . . . .	12	
Enamelled Feeding cups . . . . .	2	
Measures glass 2 oz. . . . .	2	
Measures glass 2 drams . . . . .	2	
Pestle and mortar wedge wood . . . . .	2	
Scales and weights grains . . . . .	1 set.	
Spare weights grains . . . . .	1 set.	
Splints common . . . . .	1 set.	
Catheter No. 8 size . . . . .	1	
Catheters India rubber No. 2, 4, 6, and 10 set of 4.	1 set.	
Spatula . . . . .	1	
Scissors (Shop) . . . . .	1 pair.	
Penknife . . . . .	1	
Syringe ear metal . . . . .	1	
Syringe enema . . . . .	1	
Syringe urethral male . . . . .	1	
Syringe urethral female . . . . .	1	
Nozzles urethral sheilded Pattern . . . . .	2	
Douche can 1 quart with 6 ft. India rubber tubing and pipehook.	1 set.	
Instruments dressing pocket case . . . . .	1 . . . . .	Case containing probe 1, dissector 1, catheter female 1, Thermometer clinical in case 1, Scissors 1 pair, Forceps dressing plated 1, suture needles 6, Forceps artery 1, Knife abscess symes 1, Bistoury straight 1 and curved 1 in one handle lances bleeding 1, silk thread for sutures 20 grains.

Name	Quantity or number	Remarks
Steriliser for surgical instruments small	1	
Syringe hypodermic 20 minim or 2 cc.	1	
*Spare needles for hypodermic syringe	6	
Forceps teeth:—		
Upper incisors . . . . .	1	
Lower incisors . . . . .	1	
Molar of the Hawks bill type . . . . .	1	
Upper molar right . . . . .	1	
Upper molar left . . . . .	1	
Thermometer clinical . . . . .	1	In addition to the one already supplied in pocket dressing case.
Forceps artery . . . . .	3	
Eye cup . . . . .	1	
Eye spud . . . . .	1	
Bowl enamelled . . . . .	1	
Tray enamelled round . . . . .	1	
Tray enamelled Kidney shaped . . . . .	1	
Bag Ice . . . . .	1	
Apparatus transfusion for intravenous saline and a sufficient supply of Hypertonic saline in tablet form.	1	
Stretcher . . . . .	1	An efficient carrying stretcher of approved type "Navla" preference.
Dressing Forceps . . . . .	1	In addition to that already in pocket dressing case.
Tourniquet Esmarch's . . . . .	1	
Brush nail . . . . .	1	
Tubes glass sealed with needles and catgut.	3	Different sizes.
Tube stomach with gag . . . . .	1	
Waterproof sheets . . . . .	6	
<i>Anaesthetics</i>		
Chloroformum . . . . .	6 ozs.	In 2 oz. ampoules in blue or covered from light by dark papers.
<i>Disinfectants†</i>		
D.D.T. Powder . . . . .	3 lbs.	
Sulphur . . . . .	32 lbs.	
Saponified Cresol . . . . .	30 gals.	
Formaline . . . . .	4 lbs.	
Bleaching powder stabilised . . . . .	4 lbs.	In tins or jars.
Phenol or other disinfectants of quality approved by the Central Government.		

\*Suture and hypodermic needles to be kept in vaseline or well greased, and needles to be fitted with stilettes when not in use.

†For conditions of approval and list of approved disinfectants see Appendix.

#### SCHEDULE II

[ See Rule 9 (2) ]

The supply of medical stores and surgical appliances on a ship performing a voyage the duration of which is less than 48 hours but exceeds 24 hours shall be according to the following scale:—

(NOTE:—The weights and measures are of the British Pharmacopoeia.)

Name	Quantity or number	Remarks
Tablets medicinal Acidum Acetylsalicylicum 5 grains.	100	
Spiritus Ammoniae Aromaticus . . . . .	2 oz.	

Name	Quantity or number	Remarks
Tincture Chloroformi Et. Morphinae	1 oz.	
Composita*		
Oleum Ricini . . . . .	1½ pint.	
Omnipon . . . . .	6 tablets.	
Phenol Liquifacum** . . . . .	2 oz.	
Quinine Hydrochloride . . . . .	50 tablets.	
Tinctura Benzoini Composita . . . . .	2 oz.	
Tinctura Opil* . . . . .	2 „	
Liquor Plumbi Subacetatis Fortis** . . . . .	2 „	
Linimentum Saponis . . . . .	2 „	
Pilula Colocynthis Composita 4 grains	3 Dozens.	
Sal Volatile in glass stoppered bottle.	1 bottle.	
Tablets quinine Hydrochloride, 5 grains.	20 dozens.	
Paraffinum Molle Flavum. . . . .	4 oz.	
Plaster Adhesive Zinc Oxide 2" × 5 yds.	1 reel.	
Lint adhesive . . . . .	1½ lb.	
Lint Boric . . . . .	1½ „	
Wool Cotton absorbent . . . . .	1½ „	
Measures conical graduated 2 ozs . . . . .	1	
Bottles 6 ozs. with corks . . . . .	6	
Bottles 1 oz. with corks . . . . .	6	
Mustard leaves in tin . . . . .	1 doz	
Scissors. . . . .	1 pair.	
Lancet . . . . .	1	
Thermometer clinical self registering.	2 pairs.	
Bandages triangular base 48-in., sides 32-in.	2 bandages.	
Bandages legs and arm side . . . . .	12	
Bandages finger . . . . .	6	
Calico . . . . .	2 yards.	
Splints common . . . . .	1 set.	
Tourniquet Esmarch's . . . . .	1	
Needles . . . . .	6 In vaseline.	
Pins safety . . . . .	2 dozens.	
Tablet of silk with four sizes . . . . .	1	
Syringe enema Higginson's . . . . .	1 With printed directions for use.	
Truss Single reversible 36 in. . . . .	1	
Truss double 36-in. . . . .	1	
Authorised book of directions for medicine chest (The Ship Captain's medical guide latest edition)	1 copy.	
Syllin medical . . . . .	1 lb. with directions.	
Magnesi Sulphate . . . . .	2 lb. with directions.	
Scales and Weights . . . . .	1 set with directions.	
Pulvis Jalapae Compositus . . . . .	8 oz. with directions.	
Unguentum Sulphuris . . . . .	8 oz. with directions.	
Unguentum Chrysarobini . . . . .	8 oz. with directions.	
Commercial Carbolic or other disinfectant of approved quality.	1 gall.	
Sago . . . . .	6 lbs.	
Arrowroot . . . . .	10 lbs.	
Antiphlogistine . . . . .	3 tins.	

Name	Quantity or number	Remarks
Solution Cocainae Hydrochloridum in Oleum Ricini with Hydrargyri ***Perchloridum 0.033 per cent (Eye drops)	1/8 oz.	
Catheters, India rubber sizes, 2, 4, 6 and 10, set of 4.	1 set.	
Soporified Cresol	20 gallons.	
Brush nail	1	
Tanna Fax	1	

1. \* All medicines indicated thus (\*) to be marked with a Red Poison label.
2. \*\* All articles marked thus (\*\*) should in addition to the Red Poison label, be carried in green fluted bottles and labelled for external use only.
3. \*\*\* The bottles must have a label attached containing the following instructions for the use of the eye drops :—
  - (1) With the aid of the dropper put two drops into the eye, (2) Wait five minutes, (3) Put two more drops into the eye, (4) Wait five minutes, (5) Put in two more drops. The eye should then be ready, care must be taken that the instrument used is perfectly clean. After the removal of the foreign body, bandage the eye for six hours.
4. All medicines bearing a Red Poison label must be used with caution and if given internally should be carefully measured.
5. The preparations of ammonia, aether, chloroform, iodine, and acids should be in well stoppered bottles.  
Chloroform should be in blue glass or covered from light by dark paper. All the drugs, etc. must be properly labelled with the quantities marked on each label. "Poison" should be specially distinguished by labels with the word "Poison" on them.

#### SCHEDULE III

[See rule 9 (3)]

The supply of medical stores and surgical appliances on a ship performing a voyage the duration of which does not exceed 24 hours shall be according to the following scale :

(NOTE:—Weights and measures are of the British Pharmacopœia)

Name	Quantity or number	Remarks
Spiritus Ammoniae Aromaticus	1 oz.	
Tinctura Chloroformi Et Morphinae Composita	1 oz.	
Oleum Ricini	1/2 pint.	
Tinctura Benzoine Composita	2 oz.	
Tinctura Iodimities	2 "	
Paraffinum Molle Flavum	2 "	
Tablets Quinine Hydrochloride or sulphate 5 grs.	7 1/2 dozen.	
Sal-Volatila in glass stoppered bottle.	1 bottle.	
Tablets Quinine	2 1/2 dozen.	
Solution Cocainae Hydrochloridum 0.5 per cent in Oleum Ricini with Hydrargyri Perchloridum 0.033 per cent. Eye drops (a)	1/8 oz.	
Plaster adhesive, Zinc Oxide	1 reel 5 yds. long and 1 inch wide.	
Lint Boric	1 lb.	
Wool cotton absorbent	1 lb.	
Tannafax	1 small tube.	
Measures drop conical graduated 2 drachm.	1	
Scissors	1 pair.	
Thermometer, clinical self registering.	1	
Bandage triangular, base 48 in. side 32 in.	1	
Bandages roller	6	
Calico	1 yard.	
Splints common	1 set.	



Name	Quantity or number	Remarks
Tourniquet Esmarch's	1	
Pins Safety	1 doz.	
Authorised book of directions for medicine chest (The Ship-Captain's Medical Guide latest edition)	1 copy.	
Saponified Cresol	20 gall.	
Catheter, India rubber No. 8	1	
Brush nail	1	

(a) The bottle must have a label attached containing the following instructions for the use of the eye drops :—

“(1) With the aid of the dropper put two drops into the eye, (2) Wait five minutes, (3) Put two more drops into the eye, (4) Wait five minutes, (5) Put in two more drops. The eye should then be ready, care must be taken that the instrument used is perfectly clean. After the removal of the foreign body, bandage the eye for six hours”.

#### SCHEDULE IV

[See rule 37(1)]

##### *Form of licence to be granted to medical officers*

The bearer of this.....  
holding a certificate to practise medicine and surgery.....  
.....from  
.....is  
licensed to have medical-charge of unberthed passenger ships under the provisions of the India  
Merchant Shipping Act, 1923 (XXI of 1923).

This licence holds good for one year from this date.

Dated.....

(Here enter seal of office)

Signature of recipient

(Sd) .....

Health Officer

Port

#### SCHEDULE V

[See rule 38 (ii)]

##### *Medical Admission and Discharge Book*

Serial No. of cases	Name	Age	Sex	Disease or cause of admission	Date of			Number of hours or days under treatment	Remarks
					Admission	Discharge or recovery	Death		
1	2	3	4	5	6	7	8	9	10

## SCHEDULE VI

[See rule 38 (iii)]

*Register of Deaths*

Serial No.	Name	Age	Time of occurrence		Cause	Remarks
			Date	Hours		
1	2	3	4	5	6	7

## SCHEDULE VII

*Form of Certificate of Inspection to be issued by the Port Health Officer [See Rule 40(1)]*

Certified that I have this day.....  
inspected the s.s..... (name of the vessel)  
and find that the food, materials, utensils, cooking places and the dining spaces, etc. for unberthed  
passengers are satisfactory.

2. It is also certified that I have medically examined the catering staff employed on this  
vessel and find that..... they are \*all..... in good health and are  
..... they are \*excepting those named below  
not suffering from any infectious or contagious disease or suspected to be carriers of any  
infectious or contagious disease.

(Signature)

(Designation)

Name of Port.

Dated the ..... day of ..... 19.....

\*(Strike out the words not applicable)

NOTE.—The certificate referred to in paragraph 2 above shall be valid for a period of six  
months or for such shorter periods as the Port Health Officer may in his discretion  
determine, and record, in respect of ships engaged on the coastal unberthed  
passenger trade.

## SCHEDULE VIII

[See rule 40(4)]

*Form of certificate of exemption to be furnished by the Port Health Officer of  
the main port of embarkation*

\*Whereas owing to.....  
(here state the circumstances under which it has not been  
possible to carry out an inspection)..... it has not been found possible to inspect  
the s.s. ".....", I hereby issue this Exemption Certificate for one  
voyage only commencing from the ..... from the port .....  
(date) (main embarkation)

to the port of .....  
(destination)

Name  
Designation  
Port  
Date.

## APPENDIX (See Schedule I)

*Conditions of approval and instructions for drawing and sending samples of disinfectants and list of approved brands*

1. *Instructions for drawing and sending samples of disinfectants.*—(1) Disinfectants will be tested physically, chemically and bacteriologically. Facilities for such tests exist in the King Institute, Guindy (Madras State) and the Haffkine Institute, Bombay.

(2) Manufacturers desiring the approval of the Government of India to disinfectants—coal tar or other—for use on board ship should submit applications to the Director General of Shipping, Ballard Estate, Bombay. A true copy of the application, together with samples drawn in accordance with the instructions detailed below, should at the same time be sent to one of the institutions named above. The institution concerned will submit its report to the Director General of Shipping who will refer the case, with his recommendations, to the Government of India for orders.

(3) In the case of the tests undertaken by the King Institute, Guindy, the fees chargeable are Rs. 30 per sample for chemical or bacteriological test, and Rs. 45 per sample for a combined bacteriological and physical examination. The fees should be paid in a Government Treasury to the credit of the Government of Madras for adjustment under the head "XXVIII—Public Health—Collection of payment for services rendered—Bacteriological Laboratories".

(4) The fees for chemical analysis of disinfectants and for bacteriological examination undertaken by the Haffkine Institute, Bombay, are Rs. 48 and Rs. 45 per sample respectively and should be paid in a Government Treasury to the credit of the Government of Bombay for adjustment under the head "XXVII—Medical Bacteriological Laboratories Receipts—Miscellaneous fees credited to Government."

2. Liquid disinfectants should be thoroughly stirred or shaken according to circumstances before samples are drawn therefrom. In the case of solid disinfectants, specimens should be taken from various points and thoroughly mixed, and the samples required for despatch to the King Institute, Guindy, and the Haffkine Institute, Bombay, should be drawn from the large sample so obtained. The mixing of the specimen should be carried out as expeditiously as possible so as to avoid undue exposure of the material to the atmosphere.

3. If the disinfectant is a liquid, each sample should consist of at least half a gallon of the material. If it is a solid, two-pound samples should be drawn.

4. Samples of liquid disinfectants should be sent in bottles or in tins, and samples of solid disinfectants should be sent in widemouthed bottles.

5. Containers of samples should be scrupulously clean. They may be cleaned with water or petrol according to circumstances, but it is essential that the water or petrol should be completely removed by drying the containers before samples are placed in them. Kerosene should not be used for this purpose, as it cannot be completely removed by drying.

6. Bottles containing liquids should be nearly but not completely filled. If they are completely filled, the stoppers may be forced open by the expansion of the liquid.

7. All containers should be properly sealed to prevent leakage, and bottles should be carefully packed to avoid breakage in transit.

8. Samples should be carefully labelled. A label may be a tag securely tied to a package or may be pasted on. If a label is pasted on a tin, it should go all the way round the tin and overlap; otherwise it will probably fall off. The label should state—

A. Name of material.

B. Name of firm sending sample.

C. Number and date of covering letter under which sample is sent.

9. A sample should not be sent without covering letter. The covering letter should state full details of the sample, including a statement of the manufacturer's formula of the produce sent.

*Conditions of approval of disinfectants for ships.*—I. *Coal Tar Disinfectants.*—Coal tar disinfectants are required to be approved by the Central Government. The approved disinfectant must have a minimum germicidal value of 2.5 by the

British Admiralty test. Coal tar disinfectants for use with sea water may be classified into three grades with phenol co-efficient values of (A) 10 and above, (B) 5 and (C) 2.5 by the British Admiralty test, indicating respectively high class, good quality and ordinary fluids for use on board the ships. The disinfectants must be stable and homogeneous on storage for three months at ordinary temperatures and shall not precipitate out or show separation of more than traces of oil. The fluid should be freely miscible with sea water and shall form a stable and uniform emulsion with sea water in concentrations of 5 percent by volume of disinfectant fluid. The dilution shall not show any separation of oil on the surface or undue precipitation on standing for a period of 6 hours at room temperature. It must not be unduly poisonous to higher animals and should not have any destructive action on wood, leather lines or metals.

## II. Chlorine may be carried either in the form of—

(a) *Stabilised Chloride of Lime*.—Chloride of lime must be dry and suitably stabilised yielding not less than 30 per cent. by weight or available chlorine and must be put up in tins of not more than 10 lbs. per tin, the date of issue by the manufacturer being stamped on each tin. Each tin and contents, whether partly used or not, must be renewed within one year of the date stamped on the tin. Full instructions for the use of the powder for cleansing decks, bulkheads, urinals, lavatory basins, etc., must be given on the label attached to each tin. This material is not to be used for the sterilisation of drinking water nor for the sterilisation of dejects, soiled utensils or apparel of persons suffering from a contagious or infectious disease.

If stabilised chloride of lime is carried on board ship, the quantity of coal tar disinfectant may be reduced by not more than 50 per cent. and the amount so reduced must be replaced by an equal weight of stabilised chloride of lime. Solid chloride of lime disinfectants will be tested for strength, stability, lime and water as follows:—

- (1) The chloride of lime must be of approved quality.
- (2) It must contain not less than 30 per cent. of available chlorine.
- (3) It must contain not less than 4 per cent. of free quick lime (CaO).
- (4) The total water existing in all forms, consisting largely, if not entirely of water in combination in the form of calcium hydroxide, must not exceed 8.5 per cent.
- (5) It must be of such stability, that after being kept for four weeks in an oven at a temperature of 140 F. (—20) the chlorine content shall not decrease by more than 2.5 of the total available chlorine percentage originally present.

## or (b) *Stabilised Hypochlorite Solution*.—

If a stabilised solution of hypochlorite of soda is referred to chloride of lime, this preparation may be carried on board in place of chloride of lime, provided the total quantity of available chlorine is the same. The amount of coal tar disinfectant carried may then be reduced by 50 per cent. The conditions and restrictions as to its purpose and use are the same as for chloride of lime. The hypochlorite solution must yield at least 10 per cent. of available chlorine. If the solution should at any time decrease in strength so that the available chlorine falls to less than 8 per cent. it must be replaced as soon as possible. The liquid is to be stored in stoneware jars or other containers, of not less than two gallons nor more than 10 gallons capacity not liable to cause a diminution of the strength of the solution. The jars must be sealed either with stoneware stoppers, or with stoppers which have no appreciable action in diminishing the strength of the solution. Unless it can be shown that the strength of the solution is unaltered, the disinfectant must be renewed at least once a year. The date of sealing the containers and directions for use must be stated on a label adhering firmly to the jar.

Stabilised hypochlorite solution will be tested for strength and stability. The stability of the solution will be tested by maintaining the liquid at 25°C. for twenty-eight days, when the available chlorine must not have decreased by more than 10 per cent. of the total available chlorine originally present.

or (c) In ships in which a sea-water electrolyser is installed, capable of giving an unlimited quantity of sodium hypochlorite solution containing not less than 0.1 per cent. of available chlorine, the quantity of coal tar disinfectant carried may be reduced by not more than 50 per cent. The type of electrolyser must be approved by the Central Government, and subject to inspection from time to time. The conditions and restrictions as to the purpose and use of the hypochlorite solution are the same as those for chloride of lime or hypochlorite solution in tins.

III. Stabilised chloride of lime put up in 1 lb. tins is intended to be used for sterilising drinking water. Instructions for use will be found on pages 7—9 of the 1946 edition of the Ship Captain's Medical Guide. The following conditions must be fulfilled before chloride of lime for treatment of drinking water can be approved:—

- (1) The chloride of lime must be of approved quality.
- (2) It must contain not less than 24 per cent. and not more than 33 per cent. available chlorine.
- (3) It must contain not less than 14 per cent. of free quick lime (CaO).
- (4) The total water existing in all forms, consisting largely, if not entirely, of the water in combination in the form of calcium hydroxide, must not exceed 7.5 per cent.
- (5) It shall be of such stability that after passing four weeks in an oven kept at 140°F (+20) the chlorine contents shall not decrease by more than 2.0 of the total available chlorine percentage, originally present.
- (6) The powder to be put up in  $\frac{1}{4}$  lb. tins, the date of issue by the manufacturer to be stamped on the base of each tin.
- (7) Each tin and contents (except the measure which may be used again) whether partially used or not, to be renewed within one year following the date stamped on the tin.
- (8) Each tin to contain a measure, made of a material resistant to chlorine, to contain 60 grains of the powder, when full, i.e., sufficient to chlorinate approximately 200 gallons of water.

*List of approved Brands*

The following disinfectants have been approved by the President. He may at any time withdraw his approval of any disinfectant that fails to pass the required standard:—

Antifect 18/20  
Bell's Fluid.  
Burboul.  
Carbolic Acid, Calvert's No. 5.  
Carbolic Acid, pure, Young and Co.'s No. 3  
Celtyl.  
Cofectant.  
Crephol.  
Cresolution, No. 1 Grade.  
Cresolution, No. 2 Grade.  
Cresolution, No. 4 Grade.  
Cyllin, Crude, Jeyes.  
Cyllin, Jeyes' Special Fluid.  
Daykoline.  
D.G. Fluid, No. 1  
Disfectall, No. 2.  
Disolite H.C.  
Edwards Climax Sanitary Fluid.  
Evansol.  
Exenol.  
Ferry "Extra".  
Graesser-Monsanto 25 per cent Creosote Soluble  
Mensol.  
W. O. H. Fluid.  
Municipal.  
Neslab Solid Lysol.  
Hycol.  
Hygeia.

**Hyphenoid.**

Ialene Fluid, Special No. 3.

Ialene Fluid, Special No. 5.

Ialene Fluid, Special No. 7.

Ialene Fluid, Special No. 8.

**Izal.**

Izal, Crude.

Jeves' Corporation Fluid.

Kara Fluid.

Kerol.

Kerol Farm.

Kilcrobe.

Kilsol.

Kingston Brand.

Lactar.

Lawes' W.O. Fluid W/A Grade

Lawesol.

Liquor Cresoli Saponatus.

Little's Fluid.

Lysol (Boots).

Lysolat or Lysotab.

**Lysolid.**

Microcide, made by Shalimar Tar Products (1935) Limite .

Monsanto Disinfecting Fluid, White.

Seawater disinfectant.

Septol, White.

Smith's Special Carbolated.

Sanitary Fluid.

Snowdol Fluid.

Pacoline, or Disinfectol.

Pestdoom Fortis.

Pharos Coefficient disinfectant fluid.

Pyramid.

Railene.

Sacol (Five Oceans).

Sal-Hycol.

Sanitas Okol.

Sanophen A.

Sanophen White.

Standard.

Stenrol.

Utoline I.

Utoline II.

"Veterisol" Wright's.

Voxan White Fluid.

Vulcan T.P.O.

Wright's Disinfecting Fluid.

Xtol.

Zondo-Sal."

**MINISTRY OF COMMUNICATIONS**  
(Posts & Telegraphs)

*New Delhi, the 16th October 1954*

**S.R.O. 3374.**—In exercise of the powers conferred by the proviso to article 309 of the Constitution, the President hereby makes the following rules for recruitment and training of candidates for the cadre of Engineering Supervisors in the Indian Posts and Telegraphs Department, namely:—

**PART I—PRELIMINARY**

1. These rules may be called the Engineering Supervisors Recruitment Rules, 1954.

2. In these rules, unless the context otherwise requires,—

(a) "Director-General" means the Director-General of Posts & Telegraphs;

(b) "departmental candidate" means—

- (i) a Telegraphist,
- (ii) a Telephone Inspector,
- (iii) a Line Inspector,
- (iv) a Telephone Operator,
- (v) a Mechanic,
- (vi) a Repeater Station Assistant,
- (vii) a clerk of the Telegraph Engineering Branch,
- (viii) an Engine Driver or Assistant Engine Driver
- (ix) an Installation Fitter,
- (x) a Selection Grade Mechanic,
- (xi) a Draughtsman,
- (xii) a clerk of the Telegraph Traffic Branch, or
- (xiii) a Cable Joiner,

employed in the Indian Posts and Telegraphs Department.

NOTE 1.—The minimum educational qualification for a departmental candidate is a pass in the Matriculation or an equivalent examination.

NOTE 2.—Wireless Operators are not eligible either as departmental or as outside candidates.

(c) "outside candidate" means a candidate other than a departmental candidate.

NOTE.—Members of the Staff of the department other than those mentioned above are outside candidates:

(d) "service" means the service of the Engineering Supervisors of the Indian Posts and Telegraphs Department in the unit of recruitment concerned.

3. Members of the Service shall belong to the cadre of the unit of their recruitment and shall normally be liable for duty only within that unit. In special circumstances, however, they may be called upon to proceed on duty to any place in India. They shall also be liable for field service in times of war or national emergency within the limits of India.

NOTE 1.—A list of units of recruitment and the extent of their jurisdiction is given in Appendix II to these rules.

NOTE 2.—For the purposes of these rules, the Director-General shall be the sole judge as to what constitutes special circumstances.

NOTE 3.—Candidates recruited for or appointed to the Technical and Development Circle, including the office of the Senior Electrical Engineer and the Posts and Telegraphs, Training Centre, Jabalpur, shall be liable for transfer all over India.

4. *Method of Recruitment.*—Recruitment to the Service shall be as follows, namely:—

- (1) 25 per cent. by direct recruitment through a competitive examination held in accordance with Part II of these rules,

- (ii) 25 per cent by recruitment of departmental candidates through a competitive examination held in accordance with Part III of these rules; and
- (iii) 50 per cent, by recruitment of departmental candidates through a qualifying Trade Test, in accordance with Part IV of these rules.

Provided that any shortage in recruitment against the combined quotas mentioned in clauses (i) and (ii) of this rule, from the last examination shall be carried forward to the next examination

5. If the number of departmental candidates who qualify in the competitive examination is less than the number of vacancies available for such candidates, the remaining vacancies shall be added to the vacancies available for outside candidates

NOTE 1.—Departmental candidates who appear for the Trade Test shall have no claim to vacancies reserved for departmental candidates appearing at the competitive examination and *vice versa*.

NOTE 2.—Departmental candidates who qualify in the Trade Test in excess of the number of vacancies reserved for them shall be placed on a waiting list and the number of vacancies to be reserved for such candidates in the next examination shall be correspondingly reduced

6. *Place and date of examination.*—A competitive examination for admission of departmental and outside candidates to the service shall be held in India at such time and places as the Director-General may direct by notice issued through the Heads of Circles. Every such notice will, when possible, announce the number of vacancies to be filled on the result of the examination in each unit of recruitment. Outside candidates must attend at their own expense.

7. (i) Each outside candidate shall be required to indicate the unit of recruitment in which he wishes to be appointed. He will be required to produce evidence showing that he has passed the Matriculation Examination of a recognized Indian University or a Secondary Education Board or an equivalent examination with Hindi, or the Regional Language of the unit of recruitment chosen by him, as one of the subjects. If he is unable to produce such evidence, he will have to qualify in a test of the Matriculation standard in Hindi or the Regional Language of the unit of recruitment of his choice, in addition to the subjects mentioned in Appendix A to these rules. Failure to pass this test shall disqualify a candidate for selection. The minimum qualifying marks shall be 40 per cent.

(ii) Departmental candidates other than General Service Repeater Station Assistants shall be eligible to compete for the vacancies in the unit of recruitment in which they are permanently employed at the time of their application. A General Service Repeater Station Assistant shall indicate the unit of recruitment in which he wishes to be appointed.

(iii) Subject to the availability of vacancies in each unit of recruitment, candidates shall be selected strictly in the order of merit in the examination or, as the case may be, in the trade test. In the case of direct recruits who may be required to take a test in Hindi or the Regional Language, the marks obtained in that test shall not be taken into account for determining the merit in the competitive examination.

8. *Subjects and marks.*—The examination held under these rules shall be conducted by the Director-General in the manner provided in the regulations contained in Appendix A to these rules.

9. *Fees.*—Every candidate shall pay the fees specified in Appendix B. No claim for a refund of any such fees shall be entertained, nor can such fees be held in reserve for any subsequent examination or selection.

10. *Revaluation of answer papers.*—No application from any candidate to have his answer papers re-valued shall be entertained

#### PART II—DIRECT RECRUITMENT

11. *Applications.*—(1) Every candidate shall make an application for admission to the examination before such date, in such manner and in such form as the Director-General may from time to time direct.

(2) If a candidate is in the service of the Government, he shall apply for admission to the examination through the proper official channel to the Head of the Circle in which his office is situated

NOTE.—A list of the Circles is specified in Appendix C.



## 12. A candidate must be—

- (a) a citizen of India, or
- (b) a subject of Sikkim, or
- (c) a person who has migrated from areas which now form part of the territory of Pakistan with the intention of permanently settling down in India, or
- (d) a subject of Nepal or of a Portuguese or French possession in India.

NOTE.—The appointment of candidates falling within categories (c) and (d) above shall be subject to the issue of certificates of eligibility in their favour by the Government. Certificates of eligibility shall not, however, be necessary in the case of candidates belonging to any of the following categories, namely:—

- (1) persons who migrated to India from Pakistan before the 19th July, 1948, and have ordinarily been resident in India since then;
- (2) persons who migrated to India from Pakistan on or after the 19th July, 1948, but before the 30th September, 1948, and got themselves registered as citizens of India within the time allowed;
- (3) non-citizens who entered service under the Government of India before the commencement of the Constitution, that is before the 26th January, 1950, and who have continued in such service since then; any such persons who re-entered or may re-enter such service with a break, after the 26th January, 1950, shall, however, require certificates of eligibility in the usual way.

NOTE 2.—A candidate in whose case a certificate of eligibility is necessary may be admitted to the examination and he may also be provisionally appointed subject to the condition that the necessary certificate is eventually issued in his favour by the Government.

13. Age.—A candidate must have attained the age of 17, and must not have attained the age of 24, on the first day of January, of the year in which the examination is held.

NOTE 1.—The upper age-limit prescribed above may be relaxed upto a maximum of five years if a candidate belongs to a Scheduled Caste or a Scheduled Tribe.

NOTE 2.—The maximum age-limit prescribed above may be relaxed to 45 years in case of *bona fide* displaced persons from Pakistan and 50 years in case of *bona fide* displaced persons who belong to the Scheduled Castes or the Scheduled Tribes.

NOTE 3.—In the case of a retrenched Central Government employee, previous service shall be deducted from his actual age and if the resultant age does not exceed the prescribed maximum age limit by more than 3 years, he shall be deemed to satisfy the condition of age.

## 14. Educational qualifications.—A candidate must—

- (i) have passed the Intermediate or an equivalent examination of an Indian University with Physics or Mathematics as one of the subjects, or
- (ii) have obtained one of the diplomas in Engineering described in Appendix D or those awarded by recognised Universities; or
- (iii) have successfully completed the first years' course of the three years' degree course (with Physics or Mathematics as one of the subjects) of the Delhi University and produce a certificate from the Principal of his college that his work during the year had been satisfactory and up to a reasonable standard; or
- (iv) have passed the Cambridge Higher School Certificate examination,
- (v) have passed the pre-Engineering or pre-Medical Examination of the Delhi University with Physics or Mathematics as one of the subjects; or
- (vi) have passed the B.Sc degree examination, in any subject, of an Indian University.

NOTE.—A candidate who has appeared at an examination the passing of which would give him the educational qualification laid down in this rule, may be admitted to the examination referred to in rule 6, on the following conditions:—

- (a) that he is otherwise eligible to appear at the examination referred to in rule 6;

- (b) that he produces a certificate from the head of his educational institution to the effect that he has appeared at the examination the passing of which would give him the educational qualification laid down in this rule; and
- (c) that he shall not be selected for appointment to the service unless he produces the certificate of the specified educational qualification before the announcement of the results of the examination referred to in rule 6.

15. *Recommendations.*—No recommendations, except those invited in the form of application, shall be taken into consideration. Any attempt on the part of a candidate to obtain support for his candidature by other means shall disqualify him for admission.

16. *Acceptance or rejection of application.*—(1) Heads of Circles shall examine the applications of outside candidates and if they find that any candidate does not fulfil the conditions laid down in rule 11 to 15 above, they will reject his application.

(2) Outside candidates employed in the Department shall be selected by the Head of the Circle after a scrutiny of their confidential records. The Heads of the Circle have full discretion to reject the application of a candidate whose record is unsatisfactory.

(3) Heads of Circles shall give candidates, whose applications are rejected, intimation of the fact.

17. *Reserved vacancies.*—Appointments to the Service are subject to the orders of the Government of India issued by the Ministry of Home Affairs from time to time, regarding special representations in the services to specified groups of citizens. Appointments to vacancies to be filled from specified groups of citizens shall be made by the appointing authority in the order of merit in the examination obtained by candidates belonging to the particular group or groups, provided they have qualified in the examination and are in all respects suitable for Government service.

18. *Medical Examination.*—A candidate must be in good mental and bodily health, and free from any physical defect likely to interfere with the discharge of his duties as an officer of the Service. A candidate who as a result of the medical examination prescribed in Appendix E is found not to satisfy those requirements shall not be appointed. Only candidates who are selected for training shall be physically examined.

19. *Agreement and deposit.*—(1) A successful candidate shall be required before the commencement of his training to sign in the form laid down in Appendix F an agreement to serve Government for a period of 5 years from the date of his appointment as Engineering Supervisors and to deposit a sum of Rs. 50 as security for the due fulfilment of the terms of agreement.

(2) If the candidate has not completed 18 years of age prior to the commencement of his training the agreement must also be signed by his father or legal guardian. As soon as the candidate has attained majority, he will be required to sign a separate agreement himself, the former agreement being cancelled.

(3) The amount of security must be deposited in a Post Office Savings Bank and the security deposit account pledged to the Head of the Circle to which the candidate submitted his application for admission to examination in accordance with the Saving Bank rules. The pass book must be submitted to the Divisional Engineer Telegraphs, Training Centre, Jabalpur, who will forward the documents to the Head of the Circle for safe custody.

(4) The refund of the security deposit shall be authorised after the candidate has completed 5 years of service as Engineering Supervisor.

NOTE.—Permanent officials of the Posts and Telegraphs Department selected for training are exempt from the security deposit and declaration.

#### PART III—RECRUITMENT OF DEPARTMENTAL CANDIDATES THROUGH COMPETITIVE EXAMINATION

20. *Eligibility.*—(1) Departmental candidates who have not more than 9 years permanent service in their respective grades on the 1st of January of the year in which the examination is held will be eligible to appear for the competitive examination.

(2) The maximum limit of 9 years service may be relaxed by the Director General at his discretion in individual cases.

NOTE—Temporary officials who have rendered not less than three years' continuous service as departmental candidates shall be eligible to appear in the competitive examination as departmental candidates.

21. *Applications and selection of candidates.*—Candidates must fill in the prescribed application form and submit it to the Head of the Circle concerned. Heads of Circles will select suitable candidates from the applicants after a scrutiny of their confidential records. They will have full discretion to reject the application of a candidate whose record is unsatisfactory. Candidates whose applications are rejected shall be duly informed.

22. *Filling of vacancies.*—Vacancies available for departmental candidates shall be filled by successful candidates strictly according to merit in the examination.

23. *Medical Examination.*—Selected departmental candidates shall be required to pass the medical examination laid down in rule 18.

#### PART IV—RECRUITMENT OF DEPARTMENTAL CANDIDATES THROUGH QUALIFYING TRADE TEST

24. *Eligibility.*—The following departmental candidates shall be eligible to appear at the Trade Test, namely:—

(a) Repeater Station Assistants of the I to VIII batches and the O batch and, war service Repeater Station Assistants and

(b) Telegraph Supervisors appointed in accordance with the rules on the subject on a date not later than the 1st July, 1954 and having a total continuous service of at least 5 years on or before that date in their substantive grades, and a minimum of six months' total service as Telegraph Supervisor on the 1st January of the year in which the examination is held.

25. *Applications and selection of candidates.*—Candidates must submit their applications in a form approved by Director General and submit them to the Head of the Circle concerned. Heads of Circles shall select suitable candidates from the applicants after a scrutiny of their confidential records. They shall have full discretion to reject the application of a candidate whose record is unsatisfactory. Candidates whose applications are rejected shall be duly informed.

26. *Medical examination.*—Selected departmental candidates shall be required to pass the medical examination laid down in rule 18. Repeater Station Assistants who were examined with the standard prescribed for Engineering Supervisors at the time of their appointment as Repeater Station Assistants will be exempted from the medical examination.

27. *Subjects and Marks.*—The examination under this part shall be conducted by the Director General in the manner laid down in the regulations contained in Appendix G to these rules.

#### PART V—TRAINING

28. All selected candidates shall be given a course of training for a period not exceeding 12 months, but the candidates who are Repeater Station Assistants shall be given a course of training for a period not exceeding six months. The syllabus for a training course, including the examinations (written or practical), and the minimum number of qualifying marks for each such examination and other connected details shall be such as may from time to time be laid down by the Director-General.

29. *Removal of unsuitable candidates.*—Any candidate who is found unsuitable at any stage or who fails to secure the minimum qualifying marks at any of the examinations shall be liable to immediate removal from the class and shall not be allowed to sit again for the entrance examinations referred to in rule 4.

#### PART VI—APPOINTMENT

30. *Appointment.*—(a) On completion of the course of training, every successful candidate shall be appointed on probation for a period of one year.

(b) If, in the opinion of the appointing authority, the work or conduct of a person appointed on probation is unsatisfactory, or shows that he is unlikely to become efficient, the appointing authority may discharge him forthwith.

(c) On the conclusion of his period of probation, the appointing authority may confirm the official in his appointment, or, if his work or conduct has in the opinion of the appointing authority been unsatisfactory, the appointing authority may either discharge him from the service or may extend his period of probation for such further period as the appointing authority may think fit.

(d) If no action is taken by the appointing authority under sub-rule (b) or (c), the period after the prescribed period of probation shall be treated as an engagement from month to month, terminable, on either side, on the expiration of one calendar month's notice in writing.

#### APPENDIX A

##### *Standard and syllabus of the Examination*

(Referred to in rule 8).

The subjects of the examination will be—

	Marks.
(1) English including General Knowledge . . . . .	100
(2) Geography (a general knowledge of the world and a detailed knowledge of the Geography of India) . . . . .	100
(3) Elementary Physics . . . . .	100
(3) Mathematics . . . . .	100
<b>TOTAL . . . . .</b>	<b>400</b>

2. The standard & syllabus of the examination shall be such as the Director General may from time to time specify.

3. The Director General may in his discretion fix such minimum qualifying marks in any or all the subjects of the examination as he deems fit.

4. From the marks assigned to candidates in each subject such deduction may be made as may be considered necessary in order to secure that no credit is allowed for merely superficial knowledge.

5. If a candidate's handwriting is not easily legible a deduction will be made on this account from the total marks otherwise accruing to him.

#### APPENDIX B

(Referred to in rule 9)

Candidates must pay the following fees:—

	Outside candidates	Departmental candidates
	Rs.	Rs.
(i) Application fee to be paid with the application form . . . . .	5	5
(ii) Examination fee to be paid on selection for admission to the written examination . . . . .	25	10
(iii) Medical fee to be paid before the medical examination . . . . .	16	16

NOTE.—The scheduled caste and scheduled Tribe candidates will be required to pay one fourth of the examination fees laid down in items (i) and (ii) above.

2. The examination fees must be paid into a post office. Fees remitted by money order, postal order or cheques will not be accepted.

3. The post office receipt for the application fee must be submitted with the application form.

4. The examination fee must be paid on receipt of a written order from the Head of the Circle and the post office receipt therefor produced before the examination is held.

5. The Medical fee must be paid in cash to the Medical Board on receipt of a written order from the Head of the Circle and before the Medical examination.

## APPENDIX C

(Referred to in rule 18)

Name of Circle	Official designation of officer in charge	Headquarters
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Assam } Orissa }	Director of Posts & Telegraphs	{ Shillong { Cuttack
West Bengal } Bihar } Bombay Central } Madras } Punjab } Uttar Pradesh } Rajasthan } Andhra } Hyderabad }	Postmaster-General . . .	{ Calcutta { Patna { Bombay { Nagpur { Madras { Ambala { Lucknow { Jaipur
	Director of Posts & Telegraphs	{ Kurnool { Hyderabad

## APPENDIX D

[Referred to in rule 14(ii)]

Particulars of Diploma (1)	Name of Institution granting the Diploma (2)
(a) Electrical Engineer . . . . .	Victoria Jubilee Technical Institute, Bombay, Technical College, Dayalbagh, Agra.
(b) Mechanical and Electrical Engineering . . . . .	College of Engineering Poona, Nadirshaw, Eduji, Dinshaw Civil Engineering College, Karachi. Technical Institute, Insein.
(c) L.E.E. or L.M.E. or L.A.E. . . . .	Government School of Technological Diplomas Examination Board, Madras.
(d) Overseer . . . . .	Ahsanullah School of Engineering, Dacca. Thomason Civil Engineering College, Roor- kee.
(e) Mechanical Engineering . . . . .	Technical College, Dayalbagh, Agra.
(f) Civil Engineering . . . . .	Technical Institute, Insein.
(g) Mechanical and Electrical Engineering (specialised in Mechanical or Electrical Engineering) (Grade A).	Government Technical Institute, Gorakh- pur, U.P.] Government Technical Institute, Lucknow.
(h) Subordinate Civil Engineering . . . . .	Bihar College of Engineering, Patna.
(i) Civil, Mechanical or Automobile Engi- neering.	Government Engineering School, Nagpur.
(j) Mechanical, Electrical or Civil Engineer- ing	Kala Bhavan Technical Institute, Baroda.
(k) 'A' Class Diploma or 'B' Class Certi- ficate.	Maclagan Engineering College, Moghalpura, Lahore.
(l) Mechanical and Electrical Engineering.	College of Engineering & Technology, Jadavpur, Bengal.
(m) Electrical Technology . . . . .	Nowrosjee Wadia College, Poona.]
(n) Electro Mechanics . . . . .	Craik Technical Institute, Lahore.
(o) B.E. (Mechanical) . . . . .	Osmania University, Hyderabad.
(p) Mechanical, Electrical or Civil Engi- neering.	Mysore University.
(q) Do.	Travancore University.
(r) All India Electrical Engineering.	{ Delhi Polytechnic.
(s) Pre-Engineering Course . . . . .	{

(1)	(2)
(t) Electrical and Mechanical Engineering .	National Institute Engineering, Hoshiarpur.
(u) All India Certificate in Civil, Mechanical & Electrical Engineering.	All India Council for Technical Education.
(v) Electrical and Mechanical Engineering.	Government Institutes, Gorakhpur, Jhansi and Lucknow provided diploma holders are Matriculates.
w) Civil Engineering . . . . .	University of Travancore.
(x) Civil Mechanical and Electrical Engineering.	Government School of Engineering, Fargalore
(y) Civil, Mechanical and Electrical Engineering.	Muslim University, Aligarh.
(z) Civil & Electrical, Mechanical Engineering.	Tirhoot School of Engineering.

## APPENDIX E

(Referred to in rule 18)

Each candidate should be examined for physical fitness by a Medical Board who should be informed that a good constitution and active habits are essential qualifications for the post for which the person has been selected and that, if appointed, his future duties will render him liable to considerable exposure at all seasons of the year anywhere in India. The Medical Board should be asked clearly to state whether they consider the person examined capable of performing such duties. Liability to distinguish principal colours shall be regarded as a disqualification leading to the rejection of a candidate. The candidates shall be examined in accordance with the following standards of visual acuity:—

Distant vision	Better eye	Worse eye
Without glasses . . . . .	6/60	6/60
Corrected with glasses . . . . .	6/6	6/12
Near vision . . . . .	0.8	I

## APPENDIX F

(Referred to in rule 19)

*Form of Agreement for candidates to be trained as Engineering Supervisors.*

To

The President of India.

I, .....son of .....having been admitted on the day of ..... 195 for technical training as a candidate for employment in the grade of Engineering Supervisors in the Indian Posts and Telegraphs Department hereby of my own free will (\*and with the consent of my father/guardian of who has signed below in token of his agreement and acknowledgment on my behalf), agree and bind myself as follows:—

(1) I will undergo the full course of training extending over 12 months as provided or for such other period as may be laid down by the competent authority;

(2) I accept the terms and conditions of my training and of my future service on probation in and of the service generally in the grade of Engineering Supervisors in the Department as laid down at present or as may be laid down from time to time;

(3) I will after the successful completion of my training serve the Department as an Engineering Supervisor for five years from the date of my appointment in the grade of Engineering Supervisors and during that period I shall not sever my connection with the Department unless I first obtain the consent of the competent authority;

(4) I understand that my appointment in the said grade shall be on a temporary basis;

(5) The sum of Rs. 50 deposited by me/my\*father/guardian, on my behalf will remain with Government as security for the due fulfilment of the above conditions;

(6) In case of my removal from the training class or service on account of misconduct or unsuitability and in case of a breach by me of conditions (1) and (3), except owing to ill health not brought on by my own carelessness or other cause not due to my fault or over which I have no control or my death, you shall have full power to order forfeiture of the amount of security deposit and also the repayment of stipends drawn by me during the course of training;

(7) If upon completion of my training I am not appointed in the said grade of Engineering Supervisors in the Department the said deposit of Rs. 50 shall then be returned, and if I am so appointed then the same shall be returned at the termination of my first five years of service.

(8) It is agreed between me and the Central Government that the stamp duty payable on this agreement shall be payable by the Central Government in full.

Date.....

Signature of candidate

I.....father/guardian of the said confirm and agree to be bound by the above terms.

Date.....

Signature of father/guardian.

\*For minors only.

#### APPENDIX G

.....

(Referred to in rule 27)

Subjects of the Trade Test will be:—

	Marks.
2. General	100
3. Any one of the following—	100
(a) Telegraphy	...
(b) Telephony	
(c) Line Construction and Maintenance	
(d) Transmission-Carrier and VFT	

The Director General may in his discretion fix such qualifying marks in the above subjects of the examination as he deems fit. Details of the subjects are given below.

#### I. GENERAL

A written test on general Electrical Engineering and Electricity and Magnetism and other allied sciences. The questions will be of a practical nature and of a standard which a candidate who has passed either the matriculation examination of a recognised University or a recognised equivalent examination and has worked in the Department should be able to answer.

**Definitions.**—Ampere, ohms, Volt, Farad, Ohms Law, Laws of parallel and series circuits of resistance and capacitance.

**Fundamental laws of magnetism**—Rules governing direction of current polarity of magnets, etc.

Power in A.C. Circuits, Power-factor, A.C. and D.C. generating and distributing principles. Protection and protective devices.

Fundamental principles of dynamos and motors—Illumination and lighting.

Electrical measurements and measuring instruments and their principles.

## II. TELEGRAPHY

Fundamental principles of telegraphy; different types of primary and secondary cells, their installation, assembly, use and maintenance in telegraph offices. Function and adjustment of telegraph transmitting apparatus of various types, such as Morse, Baudot, Teleprinter and Auto Transmitters, General principles of start-stop systems. Principle and working details of telegraph relays—polarised and non-polarised instruments—Electric bells and vibrators—Battery reversing switches. Simplex and Duplex working.

Repeaters—Morse and Baudot repeaters.

Testing—Routine testing of lines, principles of Wheatstone bridge, line testing procedure, G.P.O. Detector and its use.

Telegraph Office fittings.—Electric wiring practice and regulations, house-wiring and maintenance of electric installations.

Motor generator sets and Rectifiers—their principles; relative advantages, maintenance; circuit arrangements for Battery charging.

## III. TELEPHONY

Different types of receivers and transmitters Magneto and C.B. Systems, circuit details and function of components, telephone relays and their use and adjustments, MDF and IDF; Ringers and Power plant in exchanges including batteries and their maintenance. Trunk line commutators.

*Elementary principles and circuits of auto telephone systems.*—The Strowger system—adjustment of telephone relays and switches.

Routine tests and maintenance of telephone exchanges—principles of Junction working. Trunk boards and Trunk working procedure. PBX and RAX. Protective devices.

## IV. LINE CONSTRUCTION AND MAINTENANCE

Construction Codes, Vol. I and II, and general principles of C-8 type, line construction. Transposition schemes—Preparation and maintenance of line records—Power Parallelism and fundamental principles of inductive interference.

Testing.—Routine testing of lines, Principles of Wheatstone bridge, line testing procedure G.P.O. Detector and its use.

Cables and cable laying, repairs and cable maintenance; underground cable systems.

Elementary principles of telegraphy and telephony-Magneto and C.B. Systems.

## V. TRANSMISSION-CARRIER AND V.F.T.

General principles of carrier current working, frequency allocation, simple block schematic circuits of carrier system—3 channel and single channel. Performance requirements of carrier systems, signalling arrangement in channels, hybrid circuit and principle, fundamentals of electronics—modulation, oscillators, amplifiers and filters. Various uses of thermionic valves, synchronising, line up of carrier systems.

Characteristics of open wire lines, V.F. repeaters and their use, 2 wire and 4 wire repeaters.

Principles of V.F.T working, Static relays, adjustment of telegraph relays, Principles of Telegraph distortion and its measurement, Teleprinters—their mechanism, principles of working and adjustments.

Trunk line commutators and cabling practice in repeater stations.

Power supply arrangements, Principles of rectifiers and motor generators. Secondary batteries, their assembly, first charge and maintenance.



## APPENDIX H

(Referred to in rule 3)

Unit of recruitment	Circle and Units for which recruitment is to be made
1. Assam Circle	Assam Circle.
2. West Bengal Circle	West Bengal Circle, Calcutta Telephone District, including Automatisation Section, Telegraph Workshops, Calcutta including Office of the General Manager, Workshops, Offices of the Chief Controller of Telegraph Stores, Calcutta and the Controller of Telegraph Stores, Calcutta and Office of Regional Engineer Maintenance, Calcutta.
3. Uttar Pradesh Circle	U.P. Circle and Posts and Telegraphs Training Centre, Saharanpur.
4. Bihar Circle	Bihar Circle.
5. Orissa Circle	Orissa Circle.
6. Central Circle	Central Circle and Telegraph Stores and Workshops, Jabalpur.
7. Madras Circle	Madras Circle, Madras Telephone District, and Office of the Regional Engineer Maintenance, Madras and Stores Depot, Madras.
8. Bombay Circle	Bombay Circle, Bombay Telephone District, including Ahmedabad, Bombay Telephone Workshops Office of the Controller Telegraph Stores, Bombay and Office of the Regional Engineer Maintenance, Bombay.
9. Punjab Circle (including Delhi Province).	Punjab Circle. Delhi Telephone District, Office of the Regional Engineer Maintenance, Delhi, and Store Depot, Delhi.
10. Technical and Development Circle	Organisation of the Technical and Development Circle including Office of the Senior Electrical Engineer, and Posts and Telegraphs Training Centre Jabalpur.
11. Andhra Circle	Andhra Circle.
12. Rajasthan Circle	Rajasthan Circle.
13. Hyderabad Circle	Hyderabad Circle.

## APPENDIX I

*General conditions of service prescribed for candidates recruited to the grade of Engineering Supervisors.*

1. Officers recruited under these rules shall be eligible for leave, increment and pension in accordance with the rules for the time being in force applicable to officers of the Central Government. They will also be eligible to join the General Provident Fund in accordance with the rules regulating that Fund.

2. *Allowances during training.*—During the period of training, direct recruits will receive an allowance of Rs. 80 p.m. or such amount as may be fixed from time to time.

Departmental candidates as well as officials of the Posts and Telegraphs Department other than departmental candidates defined in rule 2(b) will be entitled to

the pay and allowances that they would have drawn but for their deputation to the training class, or the training allowance, whichever is greater.

3. *Discipline.*—During the period of training and until they are posted to a station for duty, the Engineering Supervisors will remain under the disciplinary control of the Divisional Engineer, Training Centre, Jabalpur.

4. *Scale of pay.*—(1) The prescribed scale of pay for Engineering Supervisors is Rs. 100—8—140—10—300.

Higher initial pay of Rs. 124 in the said scale is allowed to candidates who have completed their full course of training including those who have been recruited through "Trade Test".

(2) Departmental telegraphists who were in service on the 18th April 1927 and have not elected the prescribed scales and are eligible for promotion to the rank of Engineering Supervisors will, on such promotion, be brought on to the old scale of Rs. 80—5—100—10—250—20—350 (with an efficiency bar at the stage of Rs. 250) under Fundamental Rule 22(a) (i) and will get a special pay of Rs. 40 subject to a maximum of pay and special pay of Rs. 350.

(3) Departmental telegraphists who entered the Department after the 18th April 1927 and other departmental candidates who are entitled to the old rates of pay will be brought on the scale of Rs. 120—5—140—10—290—20—350 (with an efficiency bar at the stage of Rs. 290) under the Fundamental Rules and will not get any special pay.

5. *House rent allowance.*—Members of the Service recruited to the Unit "Technical and Development Circle" shall be eligible while serving in that unit for house rent allowance or rent free quarters in lieu thereof at the rates admissible to the all India service of Engineering Supervisors. Other members of the Service shall be eligible for house rent allowance at the rates sanctioned for other Central Government servants at the station of their posting but shall, in the event of their transfer to posts in the Technical and Development Circle including the offices in that recruitment unit, be eligible for house rent allowance or rent free quarters in lieu thereof at the rates admissible to the all India Service of Engineering Supervisors.

6. *Signalling test.*—All Engineering Supervisors recruited under these rules will be required during the first five years of their service to pass annually a signalling test to earn their annual increment of pay, unless they are employed in the Telephone and Carrier Branches. The particulars of this test and the conditions under which it can be waived will be specified by the Director General.

7. These conditions of service are subject to revision according to the requirements of service. Candidates will not be entitled to any compensation if they are adversely affected by any changes in the conditions of service which may be introduced later on.

[No. STA.41-1/54.]

New Delhi, the 28th October 1954

**S.R.O. 3375.**—In exercise of the powers conferred by section 9 of the Indian Post Office Act, 1898 (VI of 1898), the Central Government hereby directs that the following further amendment shall be made in the Indian Post Office Rules, 1953, namely:—

In sub-rule (2) of rule 30 of the said rules, between the words "accompanied by" and "a list" the following shall be inserted, namely:—

"two copies of the latest issue of the newspaper sought to be registered,"

[No. C.5-14/54.]

V. M. BHIDE, Dy. Secy.

## MINISTRY OF WORKS, HOUSING AND SUPPLY

(Central Boilers Board)

New Delhi, the 1st November 1954

**S.R.O. 3376.**—The following draft of certain further amendments to the Indian Boiler Regulations, 1950, which the Central Boilers Board proposes to make in exercise of the powers conferred by section 28 of the Indian Boilers

Act, 1923 (V of 1923), is published as required by sub-section (1) of section 31 of the said Act, for the information of all persons likely to be affected thereby; and notice is hereby given that the said draft will be taken into consideration on or after the 31st December 1954.

Any objections or suggestions which may be received from any person with respect to the said draft before the dates specified will be considered by the Central Boilers Board. Such objections or suggestions should be addressed to the Secretary, Central Boilers Board, Ministry of Works, Housing & Supply, North Block, New Delhi.

#### *Draft Amendments*

In the said Regulations—

1. After clause (m) of regulation 2, the following clause shall be added, namely:—

“(n) ‘Working pressure’ means the maximum working pressure for a boiler scantling as determined under these regulations and the ‘permissible working pressure’, the ‘maximum permissible pressure’, the ‘approved working pressure’, the ‘approved pressure’, wherever these terms occur in these regulations, mean the working pressure of the boiler as determined from the weakest part of the boiler.

2. In regulation 380—

In the second paragraph of clause (c), for the words

“if the valves are so adjusted that each blows at the approved pressure”, the following shall be substituted, namely:—

“if the valves are or have been so adjusted that each blows at a pressure not exceeding the working pressure of the boiler”.

[No. BL-304(74)/51.]

M. N. KALE, Secy.

### **MINISTRY OF LABOUR**

*New Delhi, the 28th October 1954*

**S.R.O. 3377.**—The following draft of a further amendment to the Coal Mines Labour Welfare Fund Rules, 1949, which it is proposed to make in exercise of the powers conferred by section 10 of the Coal Mines Labour Welfare Fund Act, 1947 (XXXII of 1947), is published as required by sub-section (1) of the said section for the information of all persons likely to be affected thereby; and notice is hereby given that the said draft will be taken into consideration on or after the 10th December 1954.

Any objection or suggestion which may be received from any person with respect to the said draft before the date so specified will be considered by the Central Government.

#### *Draft Amendment*

In the said Rules—

After sub-rule (3) of rule 30 of the Coal Mines Labour Welfare Fund Rules, 1949, the following shall be inserted, namely:—

“(4) A refund of duty of excise of the nature specified in sub-rule (2) may, subject to the like conditions, be also allowed in respect of the duty of excise collected on coal or coke during the course of its transport from colliery pitheads to railway heads where the duty of excise is again collected on the coal or coke sent from the rail heads to the consuming centres”.

[No. M-1(6)54.]

A. P. VEERA RAGHAVAN, Under Secy.

*New Delhi, the 1st November 1954*

**S.R.O. 3378.**—In pursuance of sub-section (2) of section 9 of the Coal Mines Provident Fund and Bonus Schemes Act, 1948 (XLVI of 1948) and in supersession of the notification of the Government of India in the Ministry of Labour No. PF. 15(27), dated the 22nd May 1951, the Central Government hereby specifies Shri P. Chandra, Coal Mines Provident Fund Commissioner, Dhanbad, as the authority who may sanction the making of a report of the facts constituting an offence under the Coal Mines Provident Fund Scheme framed under the said Act.

[No. PF.2(54)/54.]

**S.R.O. 3379.**—In exercise of the powers conferred by sub-section (1) of section 13 of the Employees' Provident Funds Act, 1952 (XIX of 1952), the Central Government hereby directs that Shri V. C. Chathu Menon, Provident Fund Inspector, Madras, who was appointed in the notification of the Government of India in the Ministry of Labour, No. S.R.O. 460, dated the 1st February, 1954, to be an Inspector for the whole of the States of Andhra and Madras with effect from the 1st October, 1953, shall, with effect from the 4th September, 1954, be appointed to be an Inspector for the whole of the State of Madras only for the purposes of the said Act and of any Scheme made thereunder in relation to factories engaged in a controlled industry or in an industry connected with a mine or an oil-field.

[No. PF-516(184)(i).]

*New Delhi, the 2nd November 1954*

**S.R.O. 3380.**—In exercise of the powers conferred by sub-section (1) of section 13 of the Employees' Provident Funds Act, 1952 (XIX of 1952), the Central Government hereby appoints with effect from the 4th September, 1954, Shri M. K. Prasad, a Senior Superintendent in the office of the Commissioner of Labour, Andhra, to be a Provident Fund Inspector for the whole of the State of Andhra, for the purposes of the said Act, and of any Scheme made thereunder, in relation to factories within that State engaged in a controlled industry or in an industry connected with a mine or an oil field.

[No. PF-516(184)(ii).]

**S. R. O. 3381.**—In pursuance of paragraph 4 of the Employees' Provident Fund Scheme, 1952 and in supersession of the notification of the Government of India in the Ministry of Labour No. S. R. O. 1279, dated the 20th June, 1953, the Central Government hereby sets up a Regional Committee for the State of Madras consisting of the following persons namely :—

(1) Shri P. C. Mathew, I. C. S., Secretary to the Government of Madras, Department of Industries, Labour and Co-operation, Fort St. George, Madras.

} Chairman nominated by the Central Government.

(2) Shri C. G. Reddi, I. A. S., Commissioner of Labour Madras.

} Two persons nominated by the Central Government on the recommendation of the State Government.

(3) Shri K. Srinivasan, I. A. S., Deputy Secretary to the Government of Madras, Finance Department, Madras.

(4) Shri V. Ramakrishna, M. L. C., I. C. S. (Retd.), Chairman, Andhra Cement Co. Ltd., Madras.

} Three employers' representatives nominated by the Central Government in consultation with the organisations of employers in the State.

(5) Shri G. R. Damodran, B. Sc., M. P., Principal, P. S. G. & Sons Charities School of Technology, Peclamedu, Coimbatore.

(6) Shri J. R. Marshall, General Manager, Madura Mills Co. Ltd., Madurai.

- (7) Shri G. Ramanujam, C/o The I.N.T.U.C.  
28, Tamil, Sangham Road, Madurai.  
(8) Shri K. T. K. Thangamani, Bar-at-Law,  
General Secretary, Tamil Nad Committee  
of All India Trade Union Congress, Madras.  
(9) Shri S. C. C. Antony Pillai, M. L. A.  
General Secretary, Hind Mazdoor Sabha,  
Madras.

Three employees' representatives nominated by the Central Government in consultation with the organisations of employees in the State.

[No. P. F. 516(10)/MD.]

TEJA SINGH SAHNI, Under Secy.

*New Delhi, the 1st November 1954*

**S.R.O. 3382.**—In pursuance of section 17 of the Industrial Disputes Act, 1947 (XIV of 1947), the Central Government hereby publishes the following award of the Industrial Tribunal, Dhanbad, in the matter of an application under section 33A of the said Act from Messrs. Gandari Rai and Sanichari Dusudhin, workmen of the Kurhurbaree, Colliery.

### CENTRAL GOVERNMENT INDUSTRIAL TRIBUNAL AT DHANBAD

APPLICATION No. 174 of 1954

(arising out of Reference No. 6 of 1952)

In the matter of an application U/s 33A of Industrial Disputes Act 1947.

**PRESENT**

Shri L. P. Dave, B.A. LL.B.—*Chairman.*

**PARTIES**

1. Gandari Rai, Fireman, Jubilee Pit, Kurhurbaree Colliery,
2. Sanichari Dusudhin, Kamin, Kurhurbaree Colliery. C/o Coal Workers Union, Barwadh, Giridih, Dt. Hazaribagh.—*Complainants.*

**Vs.**

1. Chief Mining Engineer, 1, Council House Street, Calcutta.
2. Superintendent of Collieries, Giridih. Dt. Hazaribagh.—*Opposite parties.*

**APPEARANCES**

No appearance on behalf of the complainants.

No notice issued to the opposite parties.

**AWARD**

This is a complaint purporting to be one under Section 33A of the Industrial Disputes Act.

2. The complainants allege that they were dismissed by the opposite parties on 1st July, 1954, on the ground of superannuation though they had not attained the age of 55 years, and that this happened while Appeal No. 162 of 1953 was pending before the Appellate Tribunal of India, Calcutta. They urge that their retirement was illegal and pray for proper orders in the matter.

3. On the complainants' own showing, they were superannuated on 1st July, 1954. At that time, no reference between the opposite party and their workmen was pending before this Tribunal. Reference No. 6 of 1952 which related to giving of paid holidays on Republic and Independence days had been referred to this Tribunal on an industry-wise basis. The award in that reference was published in the Gazette of India on 10th October, 1953; and hence under Section 20(3) read with Section 17A of the Industrial Disputes Act, the proceedings in that matter came to an end from 10th November, 1953. Thereafter that reference was not pending before this Tribunal. It has been alleged in the complaint that an appeal is pending before the Appellate Tribunal of Calcutta and it was during the pendency of the appeal that the complainants were superannuated. If this is so, the proper remedy for the complainants would be to approach the Appellate Tribunal under Section 23 of the Industrial Disputes (Appellate Tribunal) Act, 1950. A complaint under

Section 33A of the Industrial Disputes Act can lie to this Tribunal only when an employee has been dismissed, discharged, or his service conditions are changed etc. during the pendency of proceedings before this Tribunal. No such matter was pending before this Tribunal on the day on which the complainants were said to have been superannuated and hence this Tribunal would have no jurisdiction to entertain this complaint. Notice was issued to the complainants to show how this Tribunal had jurisdiction to entertain this complaint and how a breach of Section 33 of the Industrial Disputes Act had been committed when no matter was pending before this Tribunal. The complainants have not given any reply thereto.

4. For the reasons stated above, I hold that this Tribunal has no jurisdiction to entertain this complaint. It is therefore dismissed.

I pass my award accordingly.

The 13th October, 1954.

(Sd.) L. P. DAVE, Chairman.

Central Government Industrial Tribunal, Dhanbad.

[No. LR-2(365).]

### ORDERS

*New Delhi, the 23rd October 1954*

**S.R.O. 3383.**—Whereas Messrs, Hopkin and Williams (Tray) Limited, Chavara, and the Mineral Companies Staff Association, have jointly applied in their application dated the 14th July 1954, to the Central Government, for referring an industrial dispute to a Tribunal in respect of the matters set forth in the said application and reproduced in the Schedule hereto annexed;

And whereas the Central Government is satisfied that the said Union represents a majority of workmen;

Now, therefore, in exercise of the powers conferred by section 7 and sub-section (2) of section 10 of the Industrial Disputes Act, 1947 (XIV of 1947), the Central Government hereby constitutes an industrial tribunal of which Shri K. N. Kunjukrishna Pillai, Industrial Tribunal, Trivandrum, shall be the sole member and refers the said dispute for adjudication to the said Tribunal.

### THE SCHEDULE

1. Whether the claim for attendance Bonus to be extended to all categories of employees is reasonable.
2. Whether the existing production bonus paid to production categories of employees is low and whether such bonus should be extended to all other categories.
3. Whether the claim of the extension of the existing Provident Fund to all the monthly paid employees is obligatory on Management.
4. Whether the claim for enhancement of annual bonus from 25 per cent. of Basic Pay to 25 per cent. of total earnings is justifiable.
5. Whether the claim for shipping bonus is legal.

[No. L.R. 2(77)/54.]

*New Delhi, the 1st November 1954*

**S.R.O. 3384.**—Whereas a vacancy has occurred in the office of the Chairman of the Industrial Tribunal constituted by the Order of the Government of India in the Ministry of Labour, No. LR-100(67)/I, dated the 28th September, 1953, for the adjudication of industrial disputes concerning certain banking companies;

Now, therefore, in pursuance of the provisions of sub-section (2) of section 8 of the Industrial Disputes Act, 1947 (XIV of 1947), the Central Government hereby appoints Shri L. P. Dave, Chairman, Industrial Tribunal, Dhanbad, as Chairman of the Industrial Tribunal constituted by the said Order.

[No. LR-100(67).]

*New Delhi, the 2nd November 1954*

**S.R.O. 3385.**—Whereas the Central Government is of opinion that an industrial dispute exists between the employers in relation to the collieries of Tata Iron and Steel Company Limited, specified in Schedule I hereto annexed and their workmen in respect of the matters specified in the Schedule II hereto annexed;

And whereas the Central Government considers it desirable to refer the dispute for adjudication;

Now, therefore, in exercise of the powers conferred by clause (c) of sub-section (1) of section 10 of the Industrial Disputes Act, 1947 (XIV of 1947), the Central Government refers the said dispute for adjudication to the Industrial Tribunal at Dhanbad, constituted under section 7 of the said Act.

#### SCHEDULE I

1. Jamadoba 6 and 7 pits.
2. Digwadiah.
3. Sijua.
4. Bhelatand.
5. Malkera Choitodih.

#### SCHEDULE II

1. Should rations be supplied to all dependants of colliery workers whether living in the colliery premises or outside.
2. Whether the clerks and workers of Foodstuff Section who do not now work on Sundays should get wages for seven days for six days' work.

[No. LR-2(53)/54.]

P. S. EASWARAN, Under Secy.

